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ABSTRACT

This fifth annual survey of computers and their use in South Carolina schools covers the 1978-88 school years. A questionnaire inventoried computer equipment and software, and dealt with such issues as instructional and administrative uses of computers, and availability of funding. The forms were distributed to all South Carolina public school (grades K-12) principals and district superintendents. Completed forms were received from 1,075 schools (97%) and 92 districts (100%). Highlights of the findings for schools include: (1) 97% of the public schools had computers for either instructional or administrative use; (2) 51% of the faculty members were rated as computer literate; and (3) the rate of change in the number of computers has slowed in the past two years. Major findings for districts indicate that all district offices have computers; Apple microcomputers are the most commonly used (39%); the total rate of change was 180% in 1985, 83% in 1986, and 61% in 1987; and 3.8% of all printers were laser printers. Detailed survey findings are presented in tables, charts, and graphs, together with brief descriptions of computer applications in individual schools and school districts. Brief reviews of eight special large scale computer projects conclude the report. (SD)

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# Report on 1987-88 Statewide Computer Survey

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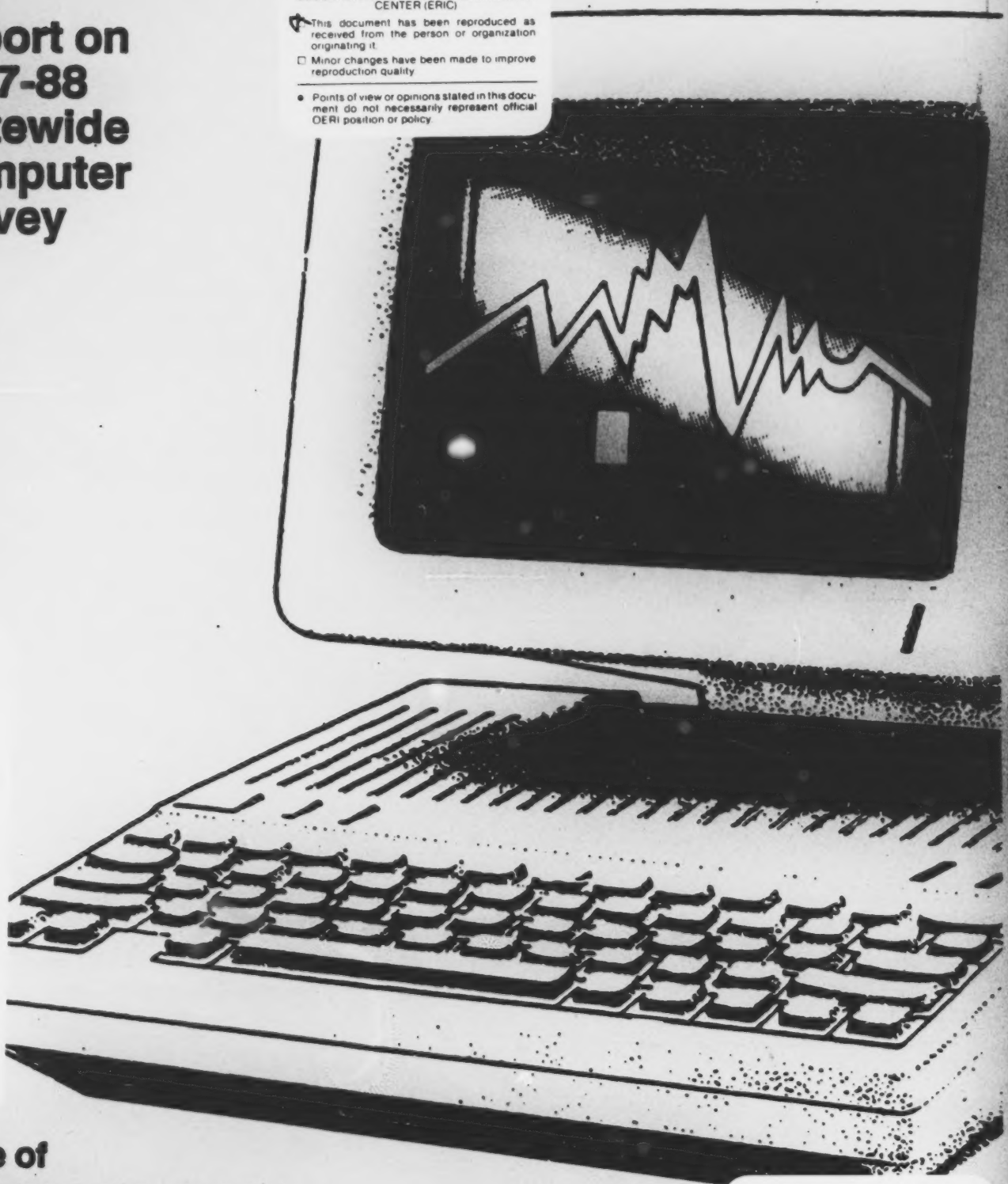

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## Office of Instructional Technology
## South Carolina Department of Education

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## South Carolina Educational Television Network

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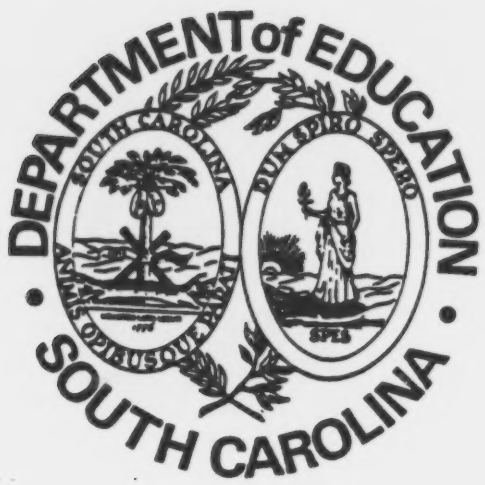
# 1987-88 STATEWIDE COMPUTER SURVEY REPORT

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January 1989

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## Introduction

The 1987-88 Computer Survey is the fifth statewide survey conducted by the Office of Instructional Technology, State Department of Education. This survey was conducted in April, 1988.

Tables, charts and graphs are provided to illustrate results of the 1987-88 statewide survey. Trends and other descriptive statistics are provided to assist educators with decision-making in the use of technology.

## Survey Design

The questionnaire inventoried computer equipment and software, and dealt with such issues as the instructional and administrative uses of computers, and availability and use of SEED (Software Evaluation Exchange Dissemination) software reviews and a BSAP-correlated listing of recommended software. An eight-question school form and a five-question district form, as well as computer equipment forms were distributed to all South Carolina public school principals and district superintendents.

## Response Rate

A total of 1,075 school and 92 district forms were received for response rates of 97 percent and 100 percent, respectively.

## Survey Highlights

Major findings of the survey include the following:

### District

- All school district offices had computers.
- 39 percent of the total computers used at the district level were Apple computers.
- The total rate of change in the number of computers at the district level was 180 percent in 1985, 83 percent in 1986, and 61 percent in 1987.
- The largest percentage (73% percent) change in the number of computers used belonged to NCR.
- 3.8 percent of all printers were the laser printers.

School

- Over 97 percent of public schools had computers for either instructional or administrative use.
- Over 95 percent of the schools having at least one computer (1,074) had at least one printer (1,029).
- 51 percent of school faculty members were rated as being computer literate by their principals.
- The computer-student for all computers ratio dropped by 24 percent, from 1:25 to 1:19, from 1986 and 1987.
- The rate of change in the total number of computers has slowed down over the past two years (from 61 percent in 1986 to 24 percent in 1987).
- IBM continued at the school level as the second largest computer supplier to schools. The largest rate of change in the number of computers belonged to Atari (99 percent over last year).
- The percent of responding schools (706) using BSAP software correlation books was 72 percent in 1987.
- The percent of responding school district offices (78) using BSAP software correlation books was 71 percent.
- Schools indicated that the rate of computer literate certified faculty increased 37 percent, 45 percent and 51 percent during 1985, 1986 and 1987, respectively.
- Inventory of software indicate that schools have a total of 158,230 titles from both the BSAP-software listing and the SEED reviews.
- The top three titles from the BSAP-software listing are the The Print Shop (5,679) Addition Logician (2,718), and Adventures with Fractions (2,709).
- The top three SEED-listed titles are The Oregon Trail (1,650), The Market Place (1,449), and Dragon Mix (1,413).

## SURVEY RESULTS

### I. Computer Equipment Inventory

#### A. District Office Survey of Computers and Printers

##### 1. Computers

A total of 1,931 computers, comprising over 34 brands, and 1,160 printers were located in school district offices. The number of computers reported by the districts is illustrated in the table below.

| Year | Number of Computers | Number of Districts |
|---|---|---|
| 1987-88 | 1,931 | 92 |
| 1986-87 | 1,199 | 92 |
| 1985-86 | 656 | 92 |
| 1984-85 | 234 | 88 |
| 1983-84 | 323 | 73 |

The top four computers in school district offices, their quantities and percentage change over last year are listed below.

**1987 Computer Survey of School District Offices**

| Brand of Computer | 1987 | 1986 | 1985 | Percent of All Computers 1987 | 1986 | 1985 | Percent Change 1987 | 1986 | 1985 |
|---|---|---|---|---|---|---|---|---|---|
| Apple | 743 | 526 | 290 | 38.5% | 43.8% | 44.2% | 41% | 81% | 219% |
| IBM | 559 | 343 | 232 | 29.0% | 28.6% | 35.4% | 63% | 49% | 293% |
| Radio Shack | 77 | 79 | 51 | 4.0% | 6.6% | 7.8% | -3% | 55% | 31% |
| NCR | 170 | 98 | 10 | 8.8% | 8.2% | 1.5% | 73% | 880% | 233% |
| Other | 382 | 153 | 73 | 19.7% | 6.3% | 12.8% | 150% | 109% | 97% |
| Total | 1,931 | 1,199 | 656 | 100% | 100% | 100% | 61% | 83% | 180% |

The Apple brand of PCs captured 38.5 percent of school district offices' computer equipment inventory, the largest share.

**2. Printers**

The breakdown of printers are illustrated by the following chart and table.

| Type of Printer | Total | Percentage of Quantity |
|---|---|---|
| Dot Matrix | 789 | 68.0% |
| Letter Quality | 287 | 24.7% |
| Laser | 44 | 3.8% |
| Other | 40 | 3.5% |
| Total | 1,160 | 100% |

Sixty-eight percent of the printers are dot matrix. Table 1 on page 12 illustrates, over 12 percent of the districts had one printer, and only 21 had 10 or more printers to use.

**B. School Survey of Computers and Printers**

**1. Computers**

The number of schools having computers has increased substantially over the past five years. Over the past two years, the total number of computers in schools increased from 24,041 to 29,766, a 23.81 percent increase. The number of computers and the student ratio reported by schools are illustrated in the following table.

**Number of Schools with Computers and Total Computers**

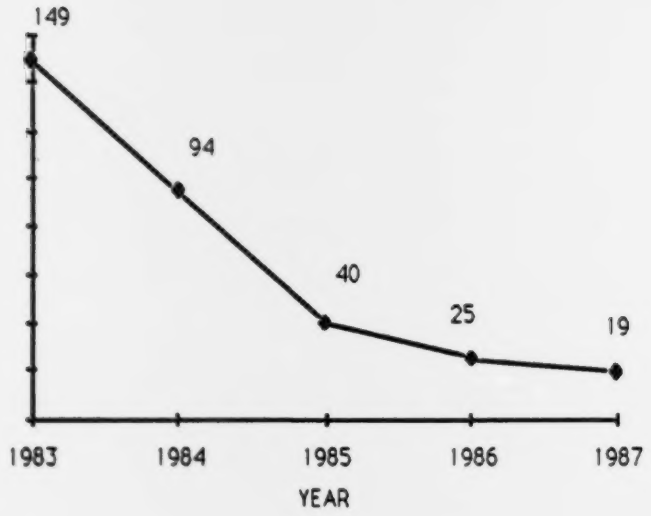
| Years | Total Number of Computers | Number of School s with Computers | Percent Change in Computers |
|---|---|---|---|
| 1987-88 | 29,766 | 1,074 | 23.81% |
| 1986-87 | 24,041 | 1,061 | 60.71% |
| 1985-86 | 14,959 | 1,028 | 133.73% |
| 1984-85 | 6,400 | 907 | 57.87% |
| 1983-84 | 4,054 | 749 | -- |

The computer-to-student ratio for computers used for instruction improved to 1:19, compared to the past year's ratio of 1:25. This ratio has been decreasing steadily over the past five years. See the following table and graph.

**Ratio of Computers to Students**

| | 1987-88 | 1986-87 | 1985-86 |
|---|---|---|---|
| Total Computers* | | | |
| Grades K-12 | 1:19 | 1:25 | 1:40 |
| Grades K-7 | 1:23 | 1:40 | 1:49 |
| Grades 8-12 | 1:16 | 1:16 | 1:31 |
| Instructionally Used Computers | | | |
| Grades K-12 | 1:23 | 1:29 | 1:42 |
| Grades K-7 | 1:27 | 1:47 | 1:52 |
| Grades 8-12 | 1:18 | 1:18 | 1:33 |
| 180-Day Student Enrollment | | | |
| Grades K-12 | 632,044 | 626,521 | 620,830 |
| Grades K-7 | 398,489 | 390,287 | 385,257 |
| Grades 8-12 | 233,555 | 236,234 | 235,573 |

**1983-1987 COMPUTER RATIO TO STUDENTS**



The number of computers used in the schools by major brand, percent of all computers, and percent change over last year are given in the table below.

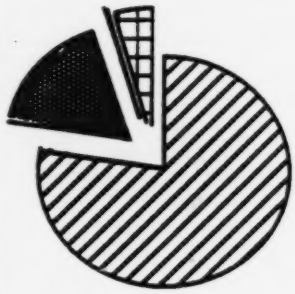
**Top Five Computer Brands Used in Schools**

| Brands of Computers | | | | Percent of All Computers | | | Percent Change | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1987 | 1986 | 1985 | 1987 | 1986 | 1985 | 1987 | 1986 | 1985 |
| Apple | 17,386 | 14,686 | 8,681 | 58.4% | 61.1% | 58.0% | 18% | 69% | 163% |
| IBM | 4,933 | 3,574 | 1,367 | 16.5% | 14.9% | 9.1% | 38% | 161% | 453% |
| Radio Shack | 2,381 | 2,071 | 1,817 | 8.0% | 8.6% | 12.2% | 15% | 14% | 49% |
| Atari | 984 | 494 | 273 | 3.3% | 2.1% | 1.8% | 99% | 81% | 5% |
| Commodore | 837 | 854 | 561 | 2.8% | 3.5% | 5.7% | -2% | 2% | 52% |
| Other | 3,245 | 2,363 | 1,969 | 11.0% | 9.8% | 13.2% | 37% | 20% | 134% |
| Total | 29,766 | 24,041 | 14,959 | 100% | 100% | 100% | 24% | 61% | 134% |

The Apple brand of PCs persisted in having the largest share of schools' computer equipment (58 percent). Atari had the largest jump from last year (it increased by 99 percent). The overall rate of increase in computers of 24 percent has slowed down somewhat in comparison to last year (61 percent). Table 2 on page13 shows the number of computers, brand/model and their designated use in the schools. Table 3 on page 14 shows that only 9 percent of the schools had one computer. Furthermore, 58 percent of the schools with computers had 10 or more computers.

**2. Printers**

Printers are subdivided into four broad categories. The distribution of the printers is illustrated as follows:



| Printer Type | Quantity 1987 | Quantity 1986 | Percent of Total 1987 | Percent of Total 1986 |
|---|---|---|---|---|
| Dot Matrix | 7,141 | 5,381 | 79.6% | 78.55% |
| Letter Quality | 1,142 | 1,134 | 12.7% | 16.6% |
| Laser | 93 | 29 | 1.0% | 0.4% |
| Other | 590 | 306 | 6.6% | 4.5% |
| Total | 8,966 | 6,850 | 100% | 100% |

Eighty percent of all printers were dot matrix. Table 4 on page 14 shows the distribution and use of printers in the schools. Table 5 on page15 illustrates the frequency distribution of the schools' printers. Over 13 percent of the schools had one printer, and 82 percent of the schools had 10 or more.

## II. Instructional and Administrative Uses, Hardware, Software, and Funding

### A. District Office Computer Survey

All districts reported having at least one computer. Other technologies, such as videodiscs and data communications were in use in 7 percent and 27 percent of the districts, respectively. Over 58 percent of all computers and over 73 percent of all printers were allocated to administrative use at the district level.

#### 1. Technologies Used in Education

**District Computer Survey**

**(Total Districts Responding: 92)**
**Total Yes (Percent)**

| Technology Use | 1987 | 1986 |
|---|---|---|
| Microcomputers | 92 (100%) | 92 (100%) |
| Videodiscs | 6 (7%) | 9 (10%) |
| Data Communications | 25 (27%) | 23 (25%) |

#### 2. Reference Sources for Instructional Software Purchased by School District Office

Computer consultants and other school district administrative office staff purchased software using as references the BSAP-correlated software listings and SEED Reviews distributed by ITEC (Office of Instructional Technology). A majority of school districts (65) now use the BSAP software reference source and 42 use the SEED Review in software purchase decisions as indicated by the following two tables.

**Table i-1**

**Number of School Districts Acquiring Software Using the Software/BSAP Correlation Books**
**(78 Districts Responded)**

| Subject | Total Percent (A & B) | A To A Large Extent | B To Some Extent | C Not At All |
|---|---|---|---|---|
| Language Arts | 71% | 12 | 53 | 13 |
| Mathematics | 71% | 12 | 53 | 13 |
| Science | 63% | 9 | 49 | 20 |
| Other Reference | 47% | 8 | 35 | 23 |

**Table I-2**

**Use of SEED Software Reviews by School Districts**

| Questions | Total Yes | Total No | Percent Yes |
|---|---|---|---|
| Did your district receive copies of the SEED Project Software Reviews? | 79 | 13 | 86% |
| Do you have access to a copy of the SEED Reviews for you to use? | 76 | 16 | 83% |
| Has anyone used the SEED Software Reviews in selecting software ...? | 42 | 50 | 46% |

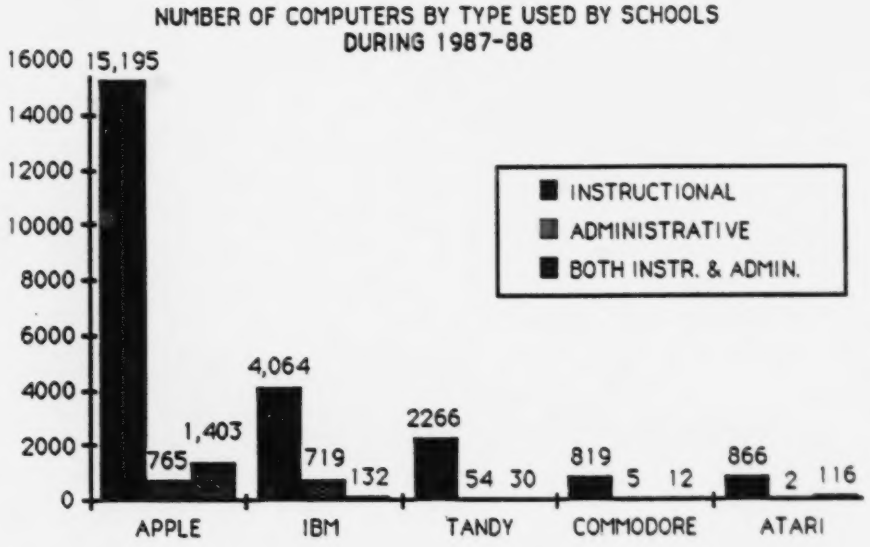
### B. School Computer Survey

Almost all schools (97 percent) had at least one microcomputer. The vast majority are used for instructional purposes (86 percent of all computers). Other technologies such as data communications were used in nine percent of schools, videodiscs in seven percent, and robotics in three percent.

#### 1. Technologies Used in Education

**School Computer Survey**
**(Total Schools Responding: 1,075)**

| | Number of Schools Responding Yes | | | |
|---|---|---|---|---|
| Technology Use | 1987-88 | Percent Yes | 1986-87 | Percent Yes |
| Microcomputers | 1,041 | (97%) | 1,072 | (98%) |
| Robotics | 29 | (3%) | 33 | (3%) |
| Videodiscs | 72 | (7%) | 77 | (7%) |
| Data Communications | 98 | (9%) | 105 | (10%) |



2. **Staff Development**

The number of school faculty considered to be computer literacy has risen substantially, from percent 37 two years ago to 51 percent last year.

| | 1987 | 1986 | 1985 | 1984 |
|---|---|---|---|---|
| 1. Number of computer literate certified faculty. *(from total of 37,906)* | 19,369 (51%) | 17,743 (45%) | 13,497 (37%) | 9,044 (25%) |
| 2. Use computers for instruction. *(from total of 37,906 in Fall 1987)* | 13,104 (35%) | 11,278 (29%) | — | — |

***Reference: Selected Facts by MIS S.C.D.E.***

## Instruction Software Used by Schools

### 1. References for Acquiring Software.

Microcomputer software/BSAP correlation books have been published by the Office of Instructional Technology (OIT) since May 1984. They serve as an advisory reference to available software programs that address specific objectives for students in grades 1-8 in all three BSAP curriculum areas-language arts, mathematics and science. The software/BSAP correlation books provide a consolidated, yearly updated listing of recommended microcomputer software programs available in the software market. For further information contact OIT, State Department of Education, Columbia, South Carolina 29201.

**Table I-3**

**Number of Schools Acquiring Software Using the Software/BSAP Correlation Books**

| Subject | Total | To a Large Extent | To Some Extent | Not At All |
|---|---|---|---|---|
| Language Arts | 977 (100%) | 182 (18.6%) | 518 (53.0%) | 277 (28.0%) |
| Mathematics | 977 (100%) | 183 (18.7%) | 523 (53.5%) | 271 (27.7%) |
| Science | 907 (100%) | 89 (9.8%) | 416 (45.9%) | 402 (44.3%) |

*Note that only a maximum of 696 (63.3%) schools answered this item in the questionaire.*

The data on Table i-4 reveals the following facts. The largest use of the software/BSAP correlation books was in acquiring mathematics software (72.3 percent of the respondents). The response rate for science revealed an increase from 47.3 percent in 1986-87 to 55.7 percent in the 1987-88 survey. The absolute number of schools using BSAP correlation books in science increased from 283 to 505.

**Table i-4**

**Use of BSAP Book in Acquiring Software**

| | From Some to a Large Extent | | |
|---|---|---|---|
| Subject | 1987-88 | 1986-87 | 1985-86 |
| Language Arts | 700 (71.7%) | 467 (67.3%) | _____ |
| Mathematics | 706 (72.3%) | 483 (69.4%) | 589 (57%) |
| Science | 505 (55.7%) | 283 (47.3%) | _____ |

**2. BSAP-Correlated and SEED Software Used in Schools**

The Office of Instructional Technology's BSAP-correlated software listing and its SEED Reviews are key sources of information about quality software. Schools indicated having 158,230 software titles from these publications. This information plus the data given in previous editions of this report indicate that they save teachers time in previewing software, in locating reviews, and provide a valued source of quality reviews.

The top twenty programs from the publications in terms of quantities in our schools are as follows:

**A. BSAP Software Inventory**

| Title | Quantity | Rank |
|---|---|---|
| Print Shop, The | 5,679 | 1 |
| Addition Logician | 2,718 | 2 |
| Adventures with Fractions | 2,709 | 3 |
| Math Blaster | 2,412 | 4 |
| Logo | 2,358 | 5 |
| Growgin's Fractions | 2,310 | 6 |
| Master Spell | 1,976 | 7 |
| Word Munchers | 1,944 | 8 |
| Speedway Math | 1,746 | 9 |
| Substraction Puzzles | 1,659 | 10 |
| MECC Editor | 1,592 | 11 |
| Elementary Volume 7 | 1,533 | 12 |
| Paint with Words | 1,520 | 13 |
| Quotient Quest | 1,515 | 14 |
| Word Herd-Sound Alike | 1,452 | 15 |
| Crossword Magic | 1,449 | 16 |
| Comp. Gen. Math. Matls. Vol. 1 | 1,413 | 17 |
| Fun From A-Z | 1,358 | 18 |
| MECC Writer | 1,348 | 19 |
| Newsroom, The | 1,340 | 20 |
| Others | 40,031 | |
| Total | 126,644 | |

**B. SEED Software Inventory**

| Title | Quantity | Rank |
|---|---|---|
| Oregon Trail, The (No. 157) | 1,650 | 1 |
| Market Pace, The | 1,449 | 2 |
| Dragon Mix | 1,413 | 3 |
| Clock Works | 1,344 | 4 |
| Crossword Magic | 1,336 | 5 |
| Newsroom | 936 | 6 |
| Who, What, When, Where, Why | 704 | 7 |
| Kittens, Kids, and a Frog | 602 | 8 |
| Wizard of Words | 552 | 9 |
| Word Masters | 520 | 10 |
| Gertrude's Puzzles | 452 | 11 |
| Magic Castle/Vocabulary Building | 450 | 12 |
| Decimals | 448 | 13 |
| Reading Comprehension | 424 | 14 |
| Hangman | 405 | 15 |
| Pond, The | 378 | 16 |
| Verb Viper | 378 | 16 |
| Capitalization | 370 | 17 |
| Stickybear Reading | 366 | 18 |
| Stickybear ABC | 357 | 19 |
| Alligator Mix | 316 | 20 |
| Others | 14,850 | |
| Total | 31,586 | |

**3. Use of SEED Project Reviews as a Software Reference**

The Software Evaluation Exchange Dissemination (SEED) Project is a collaborative effort coordinated by the Southeastern Educational Improvement Laboratory and the state departments of education in Alabama, Florida, Georgia, Louisiana, Mississippi, North Carolina, and South Carolina. The SEED software evaluation process has been designed and implemented by staff members of participating state education agencies.

Beginning in September 1985, each state selected and trained educators as software reviewers for the evaluation of K-12 instructional software using a standard SEED evaluation form and process. Each title is evaluated by three persons, from which a single review or annotation is compiled. A total of 394 SEED Software Annotations have been provided to superintendents, computer coordinators, principals, and media specialists.

From a total 1,075 schools responding to the current survey, 872 indicated that they received the SEED Project Software Reviews (PSR) and 881 schools revealed that they had access to a copy. Another 583 (54 percent) of those who had access to SEED-PSR actually used it in selecting software.

**Use of SEED Software Reviews by Schools**

| Questions | Total Yes | Total No | Percent Yes |
|---|---|---|---|
| Did your school receive copies of the SEED Project Software Reviews? | 872 | 203 | 81% |
| Do you have access to a copy of the SEED Reviews for you to use? | 881 | 194 | 82% |
| Has anyone used the SEED Software Reviews in selecting software ...? | 583 | 492 | 54% |

**Table 1**

**Frequency of Computer and Printer Units in Districts in 1987-88**

| Number of Computers | Number of Districts with Computers | Number of Districts with Printers |
|---|---|---|
| 1 | 30 | 11 |
| 2 | 26 | 6 |
| 3 | 13 | 21 |
| 4 | 3 | 10 |
| 5 | 2 | 6 |
| 6 | 2 | 7 |
| 7 | 1 | 4 |
| 8 | 1 | 5 |
| 9 | 1 | 1 |
| 10 | 2 | 2 |
| 11 | 0 | 2 |
| 12 | 0 | 1 |
| 13 | 0 | 1 |
| 14 | 0 | 0 |
| 15 | 1 | 1 |
| 16 | 0 | 0 |
| 17 | 0 | 2 |
| 18 | 2 | 1 |
| 19 | 1 | 0 |
| 20 | 0 | 1 |
| 21 + | 7 | 10 |
| Total Districts | 92 | 92 |
| Districts with 10 or more computers and printers: | 13 (14%) | 21 (23%) |

Table 2

## REPORT OF THE USE OF COMPUTERS IN SCHOOLS LISTED BY USE AND BRAND-MODEL

| COMPUTER BRAND MODEL | TOTAL QTY. | INSTRUCTIONAL QTY. | DISTS. | SCHS. | ADMINISTRATIVE QTY. | DISTS. | SCHS. | INSTR. & ADMIN. QTY. | DISTS. | SCHS. |
|---|---|---|---|---|---|---|---|---|---|---|
| APPLE(II, II+, IIC) | 16,196 | 14,239 | 101 | 939 | 680 | 74 | 362 | 1,256 | 65 | 282 |
| APPLE (III) | 151 | 81 | 27 | 26 | 30 | 15 | 19 | 40 | 7 | 17 |
| APPLE(IIgs) | 1,039 | 875 | 49 | 192 | 55 | 22 | 39 | 107 | 24 | 56 |
| AT & T | 10 | 0 | 0 | 0 | 10 | 3 | 3 | 0 | 0 | 0 |
| ATARI(400) | 342 | 322 | 21 | 57 | 2 | 2 | 2 | 18 | 4 | 4 |
| ATARI ST | 642 | 544 | 10 | 42 | 0 | 0 | 0 | 98 | 5 | 8 |
| BELL & HOWELL | 5 | 5 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| BURROUGHS | 4 | 4 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| CCC (SLS-1) | 699 | 604 | 16 | 56 | 25 | 7 | 10 | 70 | 3 | 6 |
| COMMODORE | 837 | 819 | 41 | 130 | 5 | 4 | 4 | 12 | 4 | 7 |
| COMPAQ DATA | 3 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| DIGITAL | 111 | 70 | 48 | 38 | 27 | 18 | 21 | 14 | 11 | 13 |
| EPSON | 26 | 26 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| FRANKLIN | 106 | 90 | 13 | 19 | 16 | 4 | 7 | 0 | 0 | 0 |
| HAYES | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| IBM (34) | 122 | 76 | 21 | 5 | 36 | 15 | 20 | 10 | 5 | 6 |
| IBM DISPLAY | 6 | 1 | 3 | 1 | 2 | 2 | 2 | 3 | 1 | 1 |
| IBM PC | 2,931 | 2,403 | 76 | 140 | 464 | 53 | 277 | 63 | 22 | 33 |
| IBM PC JR | 981 | 886 | 40 | 103 | 47 | 17 | 27 | 48 | 9 | 13 |
| IBM PS/2 | 893 | 698 | 41 | 49 | 170 | 34 | 106 | 8 | 7 | 7 |
| KAYPRO | 32 | 24 | 7 | 4 | 7 | 3 | 3 | 1 | 1 | 1 |
| LANIER | 140 | 135 | 11 | 12 | 1 | 1 | 1 | 4 | 1 | 1 |
| LASER EX | 56 | 48 | 13 | 16 | 3 | 1 | 1 | 5 | 2 | 3 |
| LEADING EDGE | 95 | 59 | 17 | 11 | 35 | 10 | 17 | 1 | 1 | 1 |
| LISA | 12 | 12 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| MONROE | 33 | 29 | 6 | 3 | 2 | 2 | 2 | 2 | 1 | 1 |
| MORROW | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| NCR | 563 | 28 | 76 | 24 | 518 | 75 | 457 | 17 | 14 | 17 |
| NEC | 4 | 2 | 3 | 1 | 2 | 2 | 2 | 0 | 0 | 0 |
| NIDORF | 4 | 0 | 0 | 0 | 4 | 4 | 4 | 0 | 0 | 0 |
| OTHERS | 10 | 2 | 6 | 2 | 7 | 3 | 3 | 1 | 1 | 1 |
| SANY0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| SCOIS | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| SOFTEK | 72 | 14 | 11 | 2 | 21 | 10 | 14 | 37 | 1 | 1 |
| SONY | 35 | 34 | 3 | 5 | 1 | 1 | 1 | 0 | 0 | 0 |
| SPERRY | 25 | 2 | 13 | 2 | 23 | 13 | 22 | 0 | 0 | 0 |
| TANDY | 757 | 704 | 34 | 62 | 24 | 15 | 18 | 29 | 7 | 9 |
| TELEVIDEO | 4 | 0 | 0 | 0 | 4 | 1 | 2 | 0 | 0 | 0 |
| TI | 370 | 349 | 28 | 65 | 11 | 3 | 3 | 10 | 1 | 1 |
| TIMEX | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| TRS-80 (I-IV) | 1,210 | 1,168 | 53 | 152 | 24 | 13 | 17 | 17 | 9 | 14 |
| TRS-80 COLOR | 414 | 394 | 35 | 67 | 7 | 3 | 4 | 13 | 5 | 6 |
| VARITYPER | 2 | 0 | 0 | 0 | 2 | 1 | 2 | 0 | 0 | 0 |
| VICTOR | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| VIEWPOINT | 254 | 217 | 8 | 19 | 36 | 5 | 17 | 25 | 2 | 2 |
| WANG | 36 | 30 | 2 | 1 | 5 | 1 | 1 | 1 | 1 | 1 |
| WICAT | 402 | 390 | 2 | 13 | 11 | 1 | 11 | 1 | 1 | 1 |
| XEROX | 59 | 8 | 4 | 1 | 1 | 1 | 1 | 50 | 3 | 3 |
| ZENITH | 65 | 57 | 14 | 14 | 8 | 2 | 3 | 0 | 0 | 0 |
| | 29,766* | 25,458* | | | 2,327* | | | 1,962* | | |

**Note: A few schools entered the same equipment items in more than one column.*

Table 3

FREQUENCY OF COMPUTER UNITS IN K-12 SCHOOLS

| Number of Computers in Schools | Number of Schools with Computers | | | | Percent of Schools with Computers | | | |
|---|---|---|---|---|---|---|---|---|
| | 1987 | 1986 | 1985 | 1984 | 1987 | 1986 | 1985 | 1984 |
| 1 | 101 | 69 | 177 | 333 | 9.4% | 6.5% | 17% | 36.5% |
| 2 | 53 | 49 | 104 | 154 | 5.2% | 4.5% | 10% | 16.9% |
| 3 | 50 | 62 | 90 | 75 | 4.6% | 5.8% | 8% | 8.2% |
| 4 | 42 | 53 | 76 | 70 | 3.9% | 5.0% | 7% | 6.7% |
| 5 | 38 | 48 | 61 | 44 | 3.5% | 4.5% | 6% | 4.8% |
| 6 | 47 | 51 | 61 | 31 | 4.4% | 4.8% | 6% | 3.4% |
| 7 | 40 | 47 | 52 | 36 | 3.7% | 4.4% | 5% | 3.9% |
| 8 | 47 | 51 | 47 | 20 | 4.4% | 4.8% | 4% | 2.2% |
| 9 | 37 | 49 | 39 | 17 | 3.4% | 4.6% | 4% | 1.9% |
| 10 | 35 | 36 | 44 | 23 | 3.2% | 3.4% | 4% | 2.5% |
| 11 | 34 | 26 | 40 | 18 | 3.1% | 2.5% | 4% | 2.0% |
| 12 | 48 | 39 | 29 | 18 | 4.5% | 3.6% | 3% | 2.0% |
| 13 | 33 | 37 | 20 | 8 | 3.1% | 3.5% | 2% | .9% |
| 14 | 33 | 38 | 20 | 11 | 3.1% | 3.6% | 2% | 1.2% |
| 15 | 31 | 30 | 26 | 9 | 2.9% | 2.8% | 2% | 1.0% |
| 16 | 27 | 31 | 24 | 5 | 2.5% | 2.9% | 2% | .5% |
| 17 | 23 | 34 | 22 | 9 | 2.1% | 3.2% | 2% | 1.0% |
| 18 | 23 | 28 | 17 | 6 | 2.1% | 2.6% | 2% | .7% |
| 19 | 25 | 21 | 9 | 7 | 2.3% | 1.9% | 0% | .8% |
| 20 | 20 | 15 | 21 | 4 | 1.9% | 1.4% | 2% | .4% |
| 21 + | 287 | 247 | 83 | 13 | 26.7% | 23.2% | 8% | 1.4% |
| Total Schools | 1,074 | 1,061 | 1,062 | 911 | 100% | 100% | 100% | 100% |
| Schools with 10 or more computers: | 619 | 582 | 355 | 131 | | | | |

Table 4

REPORT OF THE USE OF PRINTERS IN SCHOOLS
LISTED BY USE AND BRAND-MODEL

| COMPUTER BRAND MODEL | TOTAL QTY. | INSTRUCTIONAL QTY. | DISTS. | SCHS. | ADMINISTRATIVE QTY. | DISTS. | SCHS. | INSTR. & ADMIN. QTY. | DISTS. | SCHS. |
|---|---|---|---|---|---|---|---|---|---|---|
| DOT MATRIX | 7,141 | 4,868 | 102 | 775 | 1,291 | 96 | 648 | 973 | 73 | 307 |
| LASER | 93 | 56 | 22 | 19 | 19 | 13 | 17 | 18 | 7 | 11 |
| LETTER QUALITY | 1,142 | 643 | 91 | 164 | 347 | 77 | 253 | 146 | 38 | 58 |
| OTHER | 590 | 310 | 69 | 102 | 164 | 52 | 129 | 119 | 21 | 34 |
| TOTALS | 8,966 * | 5,877 * | | | 1,821 * | | 1,256 * | | | |

**Note: A few schools entered the same equipment items in more than one column.*

Table 5

FREQUENCY OF PRINTER UNITS IN K-12 SCHOOLS

| Number of Printers in Schools | Number of Schools with Printers | Percent of Schools with Printers |
|---|---|---|
| 1 | 138 | 13.4% |
| 2 | 117 | 11.4% |
| 3 | 129 | 12.5% |
| 4 | 122 | 11.9% |
| 5 | 92 | 8.9% |
| 6 | 83 | 8.1% |
| 7 | 70 | 6.8% |
| 8 | 30 | 2.9% |
| 9 | 30 | 2.9% |
| 10 | 32 | 3.1% |
| 11 | 25 | 2.4% |
| 12 | 24 | 2.3% |
| 13 | 9 | .9% |
| 14 | 10 | 1.0% |
| 15 | 7 | .7% |
| 16 | 14 | 1.4% |
| 17 | 14 | 1.4% |
| 18 | 12 | 1.2% |
| 19 | 8 | .8% |
| 20 | 6 | .6% |
| 21+ | 57 | 5.5% |
| Total Schools | 1,029 | 100% |

| Schools with 10 or more printers: | 1987 | 1986 |
|---|---|---|
| (out of those schools reporting) | 843 (81.9%) | 163 (14.8%) |

Table 6

NUMBER OF ALL SCHOOLS WITH PRINTERS BY SCHOOL LEVEL

| School Level | Number of Schools with Printers |
|---|---|
| Elementary | 733 |
| Secondary | 247 |
| Vocational | 49 |
| All Schools | 1,029 |

**REPORT ON THE USE OF PRINTERS**
**LISTED BY USE AND BRAND-MODEL**

**ELEMENTARY SCHOOLS**

| COMPUTER BRAND MODEL | TOTAL QUANTITY | INSTRUCTIONAL QTY | DISTS | SCHS. | ADMINISTRATIVE QTY | DISTS | SCHS. | INSTR. & ADMIN. QTY. | DISTS. | SCHS. |
|---|---|---|---|---|---|---|---|---|---|---|
| DOT MATRIX | 3,103 | 1,841 | 89 | 514 | 739 | 82 | 442 | 514 | 64 | 209 |
| LASER | 16 | 3 | 10 | 3 | 8 | 6 | 7 | 5 | 3 | 4 |
| LETTER QUALITY | 360 | 136 | 60 | 58 | 188 | 54 | 149 | 32 | 19 | 22 |
| OTHER | 360 | 151 | 50 | 57 | 130 | 44 | 107 | 82 | 16 | 26 |
| TOTALS | 3,839 | 2,131 | | | 1,065 | | | 633 | | |

**MIDDLE, SECONDARY, AND VOCATIONAL SCHOOLS**

| COMPUTER BRAND MODEL | TOTAL QUANTITY | INSTRUCTIONAL QTY | DISTS | SCHS. | ADMINISTRATIVE QTY | DISTS | SCHS. | INSTR. & ADMIN. QTY. | DISTS. | SCHS. |
|---|---|---|---|---|---|---|---|---|---|---|
| DOT MATRIX | 4,038 | 3,027 | 99 | 261 | 552 | 83 | 206 | 459 | 48 | 98 |
| LASER | 77 | 53 | 18 | 16 | 11 | 8 | 10 | 13 | 6 | 7 |
| LETTER QUALITY | 782 | 507 | 80 | 106 | 159 | 57 | 104 | 114 | 30 | 36 |
| OTHER | 230 | 159 | 43 | 45 | 34 | 20 | 22 | 37 | 7 | 8 |
| TOTALS | 5,127 | 3,746 | | | 756 | | | 623 | | |

**REPORT ON THE USE OF COMPUTERS**
**LISTED BY USE AND BRAND-MODEL**
**ELEMENTARY SCHOOLS**

| COMPUTER BRAND MODEL | TOTAL QUANTITY | INSTRUCTIONAL QTY | DISTS | SCHS. | ADMINISTRATIVE QTY | DISTS | SCHS. | INSTR. & ADMIN. QTY. | DISTS. | SCHS. |
|---|---|---|---|---|---|---|---|---|---|---|
| APPLE (II,II+, IIc,IIe) | 9,587 | 8,428 | 90 | 669 | 393 | 63 | 246 | 748 | 59 | 189 |
| APPLE (III, MAC) | 31 | 15 | 12 | 8 | 10 | 6 | 9 | 6 | 3 | 5 |
| APPLE IIGS | 755 | 656 | 34 | 134 | 31 | 12 | 24 | 66 | 16 | 33 |
| ATARI (400, 600XL,...) | 297 | 278 | 16 | 46 | 2 | 2 | 2 | 17 | 3 | 3 |
| ATARI ST | 300 | 297 | 9 | 28 | 0 | 0 | 0 | 3 | 2 | 2 |
| CCC (SLS01) | 530 | 438 | 16 | 46 | 22 | 5 | 7 | 70 | 3 | 6 |
| COMMODORE | 647 | 634 | 33 | 92 | 3 | 2 | 2 | 10 | 4 | 5 |
| DIGITAL | 13 | 9 | 4 | 2 | 3 | 2 | 2 | 1 | 1 | 1 |
| FRANKLIN | 16 | 16 | 5 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAYES | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| IBM (34, 36, 38) | 16 | 0 | 9 | 0 | 14 | 8 | 11 | 2 | 2 | 2 |
| IBM (DISPLAYWRTR.) | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 1 |
| IBM PC | 280 | 52 | 45 | 35 | 213 | 40 | 174 | 15 | 6 | 10 |
| IBM PC JR | 735 | 678 | 26 | 73 | 22 | 11 | 16 | 35 | 3 | 5 |
| IBM PS/2 (25,30,50,80) | 394 | 296 | 28 | 28 | 75 | 21 | 67 | 6 | 6 | 6 |
| KAYPRO | 14 | 12 | 2 | 1 | 2 | 1 | 1 | 0 | 0 | 0 |
| LASER EX | 18 | 10 | 6 | 4 | 3 | 1 | 1 | 5 | 2 | 3 |
| LEADING EDGE | 14 | 5 | 6 | 1 | 9 | 5 | 6 | 0 | 0 | 0 |
| LISA | 6 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| MONROE | 3 | 0 | 2 | 0 | 1 | 1 | 1 | 2 | 1 | 1 |
| NCR | 369 | 19 | 68 | 15 | 337 | 66 | 321 | 13 | 12 | 13 |
| NEC | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| NIDORF | 3 | 0 | 0 | 0 | 3 | 3 | 3 | 0 | 0 | 0 |
| OTHERS | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| SOFTEK | 4 | 0 | 0 | 0 | 4 | 3 | 4 | 0 | 0 | 0 |
| SONY | 35 | 34 | 3 | 5 | 1 | 1 | 1 | 0 | 0 | 0 |
| SPERRY | 16 | 0 | 0 | 0 | 16 | 8 | 15 | 0 | 0 | 0 |
| TANDY | 361 | 334 | 12 | 26 | 4 | 2 | 3 | 23 | 3 | 4 |
| TI | 324 | 304 | 24 | 53 | 10 | 2 | 2 | 10 | 1 | 1 |
| TRS-80 (I-IV) | 276 | 261 | 20 | 60 | 7 | 5 | 7 | 8 | 4 | 7 |
| TRS-80 COLOR | 195 | 185 | 21 | 37 | 5 | 2 | 2 | 5 | 3 | 4 |
| VICTOR | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| VIEWPOINT | 199 | 174 | 5 | 8 | 24 | 3 | 10 | 25 | 2 | 2 |
| WANG | 31 | 30 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 |
| WICAT | 402 | 390 | 2 | 13 | 11 | 1 | 11 | 1 | 1 | 1 |
| XEROX | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| ZENITH | 9 | 8 | 4 | 3 | 1 | 1 | 1 | 0 | 0 | 0 |
| TOTALS | 15,889 | 13,572 | | | 1,228 | | | 1,076 | | |

**REPORT ON THE USE OF COMPUTERS**
**LISTED BY USE AND BRAND-MODEL**
**MIDDLE, SECONDARY, AND VOCATIONAL SCHOOLS**

| COMPUTER BRAND MODEL | TOTAL QUANTITY | INSTRUCTIONAL QTY | DISTS | SCHS. | ADMINISTRATIVE QTY | DISTS | SCHS. | INSTR. & ADMIN. QTY. | DISTS. | SCHS. |
|---|---|---|---|---|---|---|---|---|---|---|
| APPLE (II,II+,IIC,IIe) | 6,609 | 5,811 | 97 | 270 | 287 | 54 | 116 | 508 | 46 | 93 |
| APPLE (III, MAC) | 120 | 66 | 22 | 18 | 20 | 10 | 10 | 34 | 6 | 12 |
| APPLE IIGs | 284 | 219 | 36 | 58 | 24 | 14 | 15 | 41 | 15 | 23 |
| AT & T | 10 | 0 | 3 | 0 | 10 | 3 | 3 | 0 | 0 | 0 |
| ATARI (400,600XL,...) | 45 | 44 | 8 | 11 | 0 | 0 | 0 | 1 | 1 | 1 |
| ATARI ST | 342 | 247 | 7 | 14 | 0 | 0 | 0 | 95 | 4 | 6 |
| BELL & HOWELL | 5 | 5 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| BURROUGHS | 4 | 4 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| CCC (SLS01) | 169 | 166 | 5 | 9 | 3 | 2 | 3 | 0 | 0 | 0 |
| COMMODORE | 190 | 185 | 20 | 38 | 2 | 2 | 2 | 2 | 2 | 2 |
| COMPAQ DATA | 3 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| DIGITAL | 98 | 61 | 48 | 36 | 24 | 18 | 19 | 13 | 10 | 12 |
| EPSON | 26 | 26 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| FRANKLIN | 90 | 74 | 11 | 13 | 16 | 4 | 7 | 0 | 0 | 0 |
| IBM (34,36,38) | 106 | 76 | 15 | 5 | 22 | 8 | 9 | 8 | 3 | 4 |
| IBM PC (DISPLAYWRI | 3 | 1 | 2 | 1 | 2 | 2 | 2 | 0 | 0 | 0 |
| IBM PC | 2,651 | 2,351 | 69 | 105 | 251 | 42 | 103 | 48 | 18 | 23 |
| IBM PC JR | 246 | 208 | 27 | 30 | 25 | 10 | 11 | 13 | 7 | 8 |
| IBM PS/2 (25,30,50,80) | 499 | 402 | 31 | 21 | 95 | 25 | 39 | 2 | 1 | 1 |
| KAYPRO | 18 | 12 | 5 | 3 | 5 | 2 | 2 | 1 | 1 | 1 |
| LANIER | 140 | 135 | 11 | 12 | 1 | 1 | 1 | 4 | 1 | 1 |
| LASER EX | 38 | 38 | 9 | 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| LEADING EDGE | 81 | 54 | 15 | 10 | 26 | 9 | 11 | 1 | 1 | 1 |
| LISA | 6 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| MONROE | 30 | 29 | 4 | 3 | 1 | 1 | 1 | 0 | 0 | 0 |
| MORROW | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| NCR | 194 | 9 | 69 | 9 | 181 | 66 | 136 | 4 | 4 | 4 |
| NEC | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| NIDORF | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| OTHER COMPUTERS | 9 | 2 | 5 | 2 | 6 | 2 | 2 | 1 | 1 | 1 |
| SANYO | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| SCOIS | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| SOFETK | 68 | 14 | 9 | 2 | 17 | 8 | 10 | 37 | 1 | 1 |
| SPERRY | 9 | 2 | 8 | 2 | 7 | 7 | 7 | 0 | 0 | 0 |
| TANDY (1,000 | 396 | 370 | 28 | 36 | 20 | 14 | 15 | 6 | 4 | 5 |
| TELEVIDEO | 4 | 0 | 1 | 0 | 4 | 1 | 2 | 0 | 0 | 0 |
| TI | 46 | 45 | 12 | 12 | 1 | 1 | 1 | 0 | 0 | 0 |
| TIMEX | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| TRS-80 (I-IV) | 934 | 907 | 50 | 92 | 17 | 10 | 10 | 9 | 6 | 7 |
| TRS-80 COLOR | 219 | 209 | 24 | 30 | 2 | 1 | 2 | 8 | 2 | 2 |
| VARITYPER | 2 | 0 | 1 | 0 | 2 | 1 | 2 | 0 | 0 | 0 |
| VIEWPOINT | 55 | 43 | 8 | 11 | 12 | 4 | 7 | 0 | 0 | 0 |
| WANG | 5 | 0 | 1 | 0 | 5 | 1 | 1 | 0 | 0 | 0 |
| XEROX | 58 | 8 | 3 | 1 | 1 | 1 | 1 | 49 | 2 | 2 |
| ZENITH | 56 | 49 | 10 | 11 | 7 | 1 | 2 | 0 | 2 | 2 |
| TOTALS | 13,877 | 11,886 | | | 1,099 | | | 886 | | |

## STATEWIDE COMPUTER EQUIPMENT REPORT BY DISTRICT FOR 1987-88

| COUNTY | AREA OR DIST | NO. OF SCHOOLS | NO. OF COMPUTERS | | NO. OF PRINTERS | |
|---|---|---|---|---|---|---|
| | | | DISTRICT | SCHOOLS | DISTRICT | SCHOOLS |
| ABBEVILLE | 60 | 11 | 5 | 112 | 5 | 60 |
| AIKEN | 01 | 37 | 29 | 1,393 | 22 | 305 |
| ALLENDALE | 00 | 1 | - | 22 | - | 11 |
| | 01 | 4 | 9 | 134 | 7 | 24 |
| ANDERSON | 00 | 1 | - | 35 | - | 17 |
| | 01 | 12 | 271 | 225 | 41 | 43 |
| | 02 | 7 | 4 | 140 | 4 | 44 |
| | 03 | 4 | 4 | 166 | 3 | 24 |
| | 04 | 6 | 1 | 67 | 1 | 20 |
| | 05 | 17 | 13 | 443 | 13 | 145 |
| BAMBERG | 01 | 5 | 2 | 94 | 2 | 51 |
| | 02 | 3 | 4 | 96 | 5 | 35 |
| BARNWELL | 00 | 1 | - | 10 | - | 8 |
| | 19 | 3 | 4 | 95 | 4 | 21 |
| | 29 | 3 | 4 | 69 | 4 | 22 |
| | 45 | 4 | 2 | 123 | 2 | 31 |
| BEAUFORT | 00 | 1 | - | 33 | - | 22 |
| | 01 | 18 | 24 | 379 | 22 | 154 |
| BERKELEY | 01 | 36 | 41 | 1,335 | 25 | 334 |
| CALHOUN | 01 | 4 | 5 | 69 | 5 | 37 |
| CHARLESTON | 01 | 70 | 129 | 2,351 | 103 | 901 |
| CHEROKEE | 01 | 19 | 6 | 400 | 6 | 99 |
| CHESTER | 01 | 14 | 14 | 333 | 13 | 112 |
| CHESTERFIELD | 01 | 16 | 8 | 492 | 6 | 101 |

## STATEWIDE COMPUTER EQUIPMENT REPORT BY DISTRICT FOR 1987-88

| COUNTY | AREA OR DIST | NO. OF SCHOOLS | NO. OF COMPUTERS | | NO. OF PRINTERS | |
|---|---|---|---|---|---|---|
| | | | DISTRICT | SCHOOLS | DISTRICT | SCHOOLS |
| CLARENDON | 00 | 1 | - | 42 | - | 17 |
| | 01 | 4 | 4 | 35 | 4 | 5 |
| | 02 | 4 | 5 | 155 | 7 | 32 |
| | 03 | 3 | 5 | 58 | 4 | 17 |
| COLLETON | 01 | 14 | 3 | 254 | 3 | 79 |
| DARLINGTON | 01 | 26 | 33 | 540 | 24 | 225 |
| DILLON | 00 | 1 | - | - | - | - |
| | 01 | 3 | 1 | 38 | 1 | 1 |
| | 02 | 7 | 6 | 188 | 4 | 81 |
| | 03 | 3 | 3 | 80 | 3 | 9 |
| DORCHESTER | 00 | 1 | - | 42 | - | 26 |
| | 02 | 13 | 14 | 505 | 8 | 156 |
| | 04 | 6 | 3 | 118 | 3 | 38 |
| EDGEFIELD | 01 | 6 | 5 | 240 | 7 | 57 |
| FAIRFIELD | 01 | 9 | 14 | 213 | 12 | 48 |
| FLORENCE | 01 | 20 | 15 | 620 | 13 | 139 |
| | 02 | 3 | 4 | 72 | 3 | 26 |
| | 03 | 8 | 60 | 260 | 52 | 27 |
| | 04 | 4 | 71 | 104 | 25 | 34 |
| | 05 | 3 | - | 75 | - | 22 |
| GEORGETOWN | 01 | 18 | 69 | 362 | 29 | 120 |
| GREENVILLE | 01 | 92 | 120 | 2,224 | 35 | 740 |
| GREENWOOD | 00 | 1 | - | - | - | 6 |
| | 50 | 13 | 18 | 308 | 17 | 84 |

## STATEWIDE COMPUTER EQUIPMENT REPORT BY DISTRICT FOR 1987-88

| COUNTY | AREA OR DIST | NO. OF SCHOOLS | NO. OF COMPUTERS | | NO. OF PRINTERS | |
|---|---|---|---|---|---|---|
| | | | DISTRICT | SCHOOLS | DISTRICT | SCHOOLS |
| GREENWOOD | 51 | 4 | 2 | 31 | 2 | 5 |
| | 52 | 3 | 2 | 55 | 3 | 24 |
| HAMPTON | 01 | 6 | 1 | 148 | 1 | 11 |
| | 02 | 3 | 5 | 138 | 5 | 64 |
| HORRY | 01 | 35 | 75 | 950 | 52 | 257 |
| JASPER | 01 | 3 | 10 | 49 | 7 | 7 |
| KERSHAW | 01 | 18 | 21 | 380 | 19 | 103 |
| LANCASTER | 01 | 22 | 7 | 485 | 10 | 192 |
| LAURENS | 55 | 9 | 7 | 204 | 8 | 48 |
| | 56 | 7 | 7 | 172 | 6 | 53 |
| LEE | 01 | 8 | 4 | 285 | 4 | 58 |
| LEXINGTON | 01 | 11 | 16 | 341 | 10 | 129 |
| | 02 | 16 | 29 | 428 | 23 | 187 |
| | 03 | 4 | 2 | 104 | 1 | 33 |
| | 04 | 5 | 17 | 78 | 5 | 15 |
| | 05 | 12 | 32 | 584 | 27 | 151 |
| MCCORMICK | 01 | 3 | 2 | 164 | 2 | 29 |
| MARION | 00 | 1 | - | 38 | - | 6 |
| | 01 | 5 | 8 | 136 | 8 | 31 |
| | 02 | 6 | 13 | 226 | 9 | 39 |
| | 03 | 3 | 2 | 51 | 2 | 21 |
| | 04 | 2 | 1 | 9 | 1 | 8 |
| MARLBORO | 01 | 16 | 5 | 296 | 3 | 51 |
| NEWBERRY | 01 | 18 | 6 | 229 | 6 | 71 |

STATEWIDE COMPUTER EQUIPMENT REPORT BY DISTRICT FOR 1987-88

| COUNTY | AREA OR DIST | NO. OF SCHOOLS | NO. OF COMPUTERS | | NO. OF PRINTERS | |
|---|---|---|---|---|---|---|
| | | | DISTRICT | SCHOOLS | DISTRICT | SCHOOLS |
| OCONEE | 01 | 24 | 62 | 514 | 12 | 160 |
| ORANGEBURG | 00 | 2 | - | 85 | - | 23 |
| | 01 | 4 | 2 | 75 | 3 | 24 |
| | 02 | 2 | 47 | 17 | 13 | 7 |
| | 03 | 8 | 3 | 110 | 3 | 37 |
| | 04 | 3 | 3 | 66 | 2 | 22 |
| | 05 | 10 | 27 | 655 | 28 | 69 |
| | 06 | 2 | 22 | 23 | 11 | 10 |
| | 07 | 2 | 5 | 47 | 5 | 13 |
| | 08 | 2 | 50 | 19 | 30 | 29 |
| PICKENS | 01 | 28 | 16 | 467 | 16 | 199 |
| RICHLAND | 01 | 50 | 92 | 1,470 | 74 | 630 |
| | 02 | 14 | 27 | 427 | 22 | 131 |
| SALUDA | 01 | 4 | 5 | 128 | 5 | 41 |
| SPARTANBURG | 00 | 3 | - | 10 | - | 8 |
| | 01 | 9 | 4 | 170 | 2 | 50 |
| | 02 | 10 | 14 | 244 | 10 | 67 |
| | 03 | 7 | 6 | 134 | 12 | 70 |
| | 04 | 4 | 4 | 120 | 4 | 45 |
| | 05 | 7 | 4 | 218 | 4 | 70 |
| | 06 | 14 | 11 | 367 | 11 | 77 |
| | 07 | 15 | 75 | 667 | 22 | 111 |
| SUMTER | 00 | 1 | - | 22 | - | 11 |
| | 02 | 14 | 14 | 578 | 11 | 116 |

## STATEWIDE COMPUTER EQUIPMENT REPORT BY DISTRICT FOR 1987-88

| COUNTY | AREA OR DIST | NO. OF SCHOOLS | NO. OF COMPUTERS | | NO. OF PRINTERS | |
|---|---|---|---|---|---|---|
| | | | DISTRICT | SCHOOLS | DISTRICT | SCHOOLS |
| SUMTER | 17 | 9 | 21 | 295 | 21 | 120 |
| UNION | 01 | 12 | 11 | 244 | 6 | 70 |
| WILLIAMSBURG | 01 | 15 | 11 | 491 | 10 | 110 |
| YORK | 01 | 7 | 8 | 212 | 6 | 79 |
| | 02 | 7 | 4 | 275 | 4 | 62 |
| | 03 | 21 | 13 | 567 | 11 | 183 |
| | 04 | 4 | 9 | 129 | 5 | 18 |
| FELTON LAB | 04 | 1 | - | 7 | - | 2 |
| JOHN DE HOWE | 05 | 2 | - | 7 | - | 4 |
| WIL LOU GRAY | 06 | 1 | 50 | 50 | 32 | 32 |
| SC SCHOOLS FOR BLIND/DEAF | 07 | 5 | - | - | - | - |
| YOUTH SERVICES | 08 | 3 | 5 | 126 | 4 | 54 |
| TOTALS | | 1,106 | 1,931 | 29,766 | 1,160 | 8,966 |

**Profile on Instructional and Administrative Uses of Computers and Future Plans**

**by**

**School District**

The information provided in this section of the report provides an overview of the instructional uses to which computers are employed in schools the state's 92* school districts by grade and brand and model of equipment. A brief description of future uses is also included. The total number of computers and printers by brand and model employed instructively, administratively or both is identified.

This information is recommended as a reference for school district administrators and other educators desiring to compare or explore applications of computers between school districts of the state.

**Explanation of Terms:**

A. **Instructional uses of computers in district schools**

**District/Contact**: Provides the name and address of the contact person for the school district who prepared the inputfor the district office survey form.

**Instructional Uses**: This column is a listing of subject areas in which computers are used. Use as a "Tool" equates with uses of word processing, data base management or for spreadsheets.

**Grade**: Indicates the grade level or grade range in which each brand and model is employed for various instructional use.

**Brand/Model**: Identifies the computers used at each grade level for each particular instructional use.

**Descriptions**: Provides additional information on use by broad grade range, ie., elementary, middle/junior and secondary schools.

B. **Future Plans**: Provides a brief description of future applications of computers by grade level to include remarks on projected purchases and training plans.

**Includes the Department of Youth Services.*

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| ABBEVILLE<br>Mrs. Lee R. Murphy<br>Math Coordinator<br>500 Chestnut Street<br>Abbeville, SC 29620<br>Phone: 459-5427 | COMP. LIT.<br>COMP. PROG.<br>READ/LANG.<br>SCIENCE<br>MATHEMATICS<br>SOC. STUDIES<br>FOREIGN LANG.<br>TOOL<br>BUS. EDUC.<br>VOC. EDUC. | K-12<br>11-12<br>K-12<br>K-12<br>K-12<br>K-12<br>9-12<br>K-12<br>9-12<br>9-12 | Apple IIe/Gs<br>Apple IIe<br>Apple IIe/Gs/CCC<br>Apple IIe/Gs<br>Apple IIe/Gs/CCC<br>Apple IIe/Gs<br>Apple IIe<br>Apple IIe/Gs<br>Apple IIe<br>Apple IIe | K-12 students have access to Apple IIe/Gs computers to supplement regular classroom work. The computers are in teachers' rooms, libraries, and at high schools, in lab settings. Grades 5-8 have a computer literacy program, using LOGO as the language. High school business classes use computers for instruction. Grades 1-8 EIA C/R students use CCC for CAI for supplementary work. |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | More computers and printers. Possible expansion of CCC for compensatory/remedial students. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 112 | 90 | 8 | 14 | 60 |
| DISTRICT OFFICE: | 5 | 0 | 5 | 0 | 5 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| AIKEN<br>Dal Stanley<br>Dir., Instr. Technology<br>P. O. Box 1137<br>Aiken, SC 29801<br>Phone: 648-1311 | | | | |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 1,393 | 1,273 | 98 | 22 | 305 |
| DISTRICT OFFICE: | 29 | 0 | 0 | 29 | 22 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| ALLENDALE<br>Gary West<br>Fed. Proj. Coord./<br>Dir., Technology<br>P.O. Box 458<br>Allendale, SC 29810<br>Phone: 584-4603 | COMP. LIT. | 1-12 | IBM PC/PCjr/<br>Apple IIe/NCR | IBM PC's are used in compensatory and remedial reading and math centers and in special education classrooms. IBM PCjr's and Apple IIe's are available for classroom use from the library. IBM PC's are used in business/office skills instruction and for staff development. Instructional computers were purchased with EIA, Chapter 1, and Chapter 2 funds. IBM PCjr's and Compaq computers are used for district administration; NCR for Pathways. |
| | COMP. PROG. | 9-12 | IBM PC | |
| | READ./LANG. | 1-12 | IBM PC/PCjr/NCR/<br>Apple IIe/DEC/<br>Rainbow 100 | |
| | SCIENCE | 1-12 | IBM PCjr/Apple IIe | |
| | MATHEMATICS | 1-12 | IBM PCjr/Apple IIe/<br>Standard 286 | |
| | SOC. STUDIES | 1-12 | IBM PCjr/Apple IIe/<br>Standard 286 | |
| | TOOL | 1-12/<br>Adult Ed. | IBM PV/PCjr/NCR | |
| | BUS. EDUC. | 9-12 | IBM PC/PCjr/NCR | |
| | OTHER | Sp. Ed. | IBM PC/PCjr/NCR/<br>Standard 286 | |
| SCHOOL & DISTRICT<br>OFFICE COMPUTERS | FUTURE PLANS | | | NCR PC/810's with color adapters are being added to Chapter 1 and EIA remedial labs and to English/language arts classes that serve remedial reading and writing students. These machines will be networked into the OSIRIS Classroom Management Systems as that system is implemented at classroom level |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 156 | 120 | 8 | 28 | 24 |
| DISTRICT OFFICE: | 9 | 0 | 9 | 0 | 7 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| ANDERSON 1<br>Steve Uldrick<br>Business Manager<br>P. O. Box 99<br>Williamston, SC 29697<br>Phone: 847-7344 | | | | |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 225 | 207 | 18 | 0 | 43 |
| DISTRICT OFFICE: | 271 | 253 | 18 | 0 | 41 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| **SCHOOL COMPUTERS** | | | | |
| ANDERSON 2 | COMP. LIT. | 1-12 | Apple IIe | - Chapter 1 computers are used for math drill, practice, and tutoring in all elementary and middle schools. Computers are used in many compensatory and remedial classes for reading skills improvement.<br>- Used by gifted and talented with word processing, mathematics, science, problem solving, and programming. |
| Bill Eaves | COMP. PROG. | 1-12 | Apple IIe | |
| District Computer & | READ./LANG. | 1-12 | Apple IIe/IIGs | |
| Test Coordinator | SCIENCE | 1-12 | Apple IIe | |
| Route 2 | MATHEMATICS | 1-12 | Apple IIe | |
| Honea Path, SC 29654 | SOC. STUDIES | 1-12 | Apple IIe | |
| Phone: 369-7364 | FOREIGN LANG. | 9-12 | Apple IIe | |
| | TOOL | 1-12 | Apple IIe | |
| | BUS. EDUC. | 9-12 | Apple IIe | |
| | VOC. EDUC. | 9-12 | Apple IIe | |
| **SCHOOL & DISTRICT OFFICE COMPUTERS** | **FUTURE PLANS** | | | Continuation of the same and expand. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 140 | 130 | 10 | 0 | 44 |
| DISTRICT OFFICE: | 4 | 0 | 4 | 0 | 4 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| **SCHOOL COMPUTERS** | | | | |
| ANDERSON 3 | COMP. LIT. | 2-12 | Apple IIe/IBM | Computer literacy is taught starting 2nd grade. Students and teachers use MECC software in all grades. |
| Don Beck | COMP. PROG. | 11-12 | Apple IIe/IBM | |
| Computer/CMS Coord. | READ./LANG. | K-12 | MS-DOS/Apple IIe | |
| P.O. Box 118 | SCIENCE | K-12 | | |
| Iva, SC 29655 | MATHEMATICS | K-12 | | |
| Phone: 352-6175 | SOC. STUDIES | K-12 | | |
| | FOREIGN LANG. | | | |
| | TOOL | 11-12 | IBM | |
| **SCHOOL & DISTRICT OFFICE COMPUTERS** | **FUTURE PLANS** | | | Plan on purchasing five (5) 386 machines and twenty (20) 286 machines with additional printers and accessories under CMS Pilot. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 166 | 128 | 18 | 44 | 24 |
| DISTRICT OFFICE: | 4 | 0 | 4 | 0 | 3 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| ANDERSON 4<br>Sarah Powell<br>Computer Coord.<br>P.O. Box 545<br>Pendleton, SC 29670<br>Phone: 646-7597 | | | | |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 67 | 62 | 5 | 0 | 20 |
| DISTRICT OFFICE: | 1 | 0 | 1 | 0 | 1 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| ANDERSON 5<br>Patricia Spaid<br>Math/Sci./Comp. Coord.<br>P.O. Box 439<br>Anderson, SC 29622<br>Phone: 224-2173 | COMP. LIT.<br>COMP. PROG.<br>READ./LANG.<br><br>SCIENCE<br><br>MATHEMATICS<br><br>SOC. STUDIES<br>FOREIGN LANG.<br>TOOL<br><br>BUS. EDUC.<br>VOC. EDUC. | 9-12<br>11-12<br>1-12<br><br>1-12<br><br>1-12<br><br>1-12<br><br>1-12<br><br>10-12<br>11-12 | Apple IIe/IIc<br>Apple IIe/IIc<br>Apple IIe/IIgs/<br>IBM PCjr<br>Apple IIe/IIgs/<br>IBM PCjr<br>Apple IIe/IIgs/<br>IBM PCjr<br>Apple IIe/IIgs<br><br>IBM PC/<br>Apple IIe/IIgs<br>IBM PC<br>TRS-80 | Students at all levels have exposure to instructional uses of computers. Computers and software have been provided for each compensatory (EIA and Chapter 1) and EIA remedial class. Networked labs are used for remediation in middle and high schools. High schools offer courses in keyboarding, word processing, and computer science. |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Two Writing to Read labs will be piloted during 1988-89. Graduated courses in computer applications. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 443 | 359 | 42 | 25 | 145 |
| DISTRICT OFFICE: | 13 | 0 | 10 | 3 | 13 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| BAMBERG 1<br>Mrs. B. L. Nicholson<br>Bookkeeper/<br>OSIRIS Coordinator<br>P.O. Box 526<br>Bamberg, SC 29003<br>Phone: 245-2658 | | | | No new activities. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 94 | 78 | 15 | 1 | 51 |
| DISTRICT OFFICE: | 2 | 0 | 2 | 0 | 2 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| BAMBERG 2<br>Robert L. Jefferson<br>Director of Curriculum<br>P.O. Box 345<br>Denmark, SC 29042<br>Phone: 793-3346 | | | | |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 96 | 96 | 0 | 0 | 35 |
| DISTRICT OFFICE: | 4 | 0 | 3 | 1 | 5 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| BARNWELL 19<br>Maria Jameson<br>Pathways Coordinator<br>P.O. Box 185<br>Blackville, SC 29817<br>Phone: 284-2234 | COMP. LIT. | K-12 | Apple IIe/II/<br>TI/Comm | All students are exposed to instructional computing. All classrooms in grades 1-4 have a computer; other grades have access to one. All resource rooms have computers. There are computer labs at the elementary, middle, and high schools. |
| | COMP. PROG. | 9-12 | Apple IIe | |
| | READ./LANG. | K-12 | Apple IIe | |
| | SCIENCE | 4-12 | Apple IIe | |
| | MATHEMATICS | K-12 | Apple IIe | |
| | SOC. STUDIES | 4-12 | Apple IIe | |
| | TOOL | 10-12 | IBM | |
| | BUS. EDUC. | 9-12 | IBM | |
| | EXCEPT ED. | K-12 | TI/Apple IIe | |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 95 | 90 | 1 | 4 | 22 |
| DISTRICT OFFICE: | 4 | 0 | 2 | 2 | 4 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| BARNWELL 29<br>Brenda Aldrich<br>Instructional Supervisor<br>Drawer 508<br>Williston, SC 29853<br>Phone: 266-3701 | COMP. LIT.<br>COMP. PROG.<br>READ./LANG.<br>SCIENCE<br>MATHEMATICS<br>SOC. STUDIES<br>FOREIGN LANG. | 9-12<br><br>3-8<br><br>1-12 | IBM PC<br><br>Apple IIe<br><br>Apple IIe | Elementary students receive instruction for thirty minutes every other week on math software. Middle school students use computers in language arts and math classes teachers' descretion. High school students receive computer literacy, word processing, data and spreadsheet instruction |
| | TOOL | 9-12 | IBM PC | |
| | BUS. EDUC. | 9-12 | IBM PC | |
| | VOC. EDUC. | | | |
| | OTHER | | | |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | We plan to purchase the WICAT program and and receive training in the fall of 1988. Middle and high school remedial students will begin to receive reading and math instruction using the WICAT computer program in the fall of 1988. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 69 | 60 | 6 | 3 | 21 |
| DISTRICT OFFICE: | 4 | 0 | 4 | 0 | 4 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| BARNWELL 45<br>Chris Fallaw<br>Computer Coordinator<br>2008 Hagood Avenue<br>Barnwell, SC 29812<br>Phone: 259-3446 | COMP. LIT. | 3-12 | Apple/Comm/ IBM | Apple IIe and Commodore: Used in Compensatory Reading & Math (EIA & Chapter I); IBM Jr's & Apple IIe's are used in classrooms 3-8; IBM, Laser, Apple & Softex used in classrooms 9-12. Administration uses IBM XT, NCR and Sperry. Handicapped students use Apple IIe and Epson Speech Pac. OSIRIS is used in all schools. |
| | COMP. PROG. | 11-12 | IBM/Laser | |
| | READ./LANG. | 1-8 | Apple | |
| | SCIENCE | 6-8 | Apple | |
| | MATHEMATICS | 1-8 | | |
| | SOC. STUDIES | 6-8 | | |
| | TOOL | 10-12 | Laser/IBM/ Apple | |
| | BUS. EDUC. | 9-12 | Laser/IBM/ Apple | |
| | VOC. EDUC. | 11-12 | Softex | |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Expand Osiris programs at all schools. Use Incentive Award money for purchase of additional computers. Consider network between schools. |
| | Literacy | All grades | | |
| | Train additional personnel in Osiris. | All schools | | |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 123 | 108 | 13 | 2 | 31 |
| DISTRICT OFFICE: | 2 | 0 | 2 | 0 | 2 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| BEAUFORT<br>Anne S. Barton<br>Reading/Language Arts Supervisor<br>P.O. Box 309<br>Beaufort, SC 29902<br>Phone: 524-2660 | COMP. LIT. | K-3, 7-8 | Apple IIe/IIc/Gs | A set of curricula objectives and activities has been developed for grades K-6. K-3 emphasis is on computer literacy. Grades 4-6 emphasis is on use of Logo. |
| | COMP. PROG. | 9-12 | TRS-80/Apple IIe | |
| | READ./LANG. | 1-6 | Apple IIe/IIc | |
| | SCIENCE | 10-12 | Apple IIe | |
| | MATHEMATICS | 1-6 | Apple IIe | |
| | SOC. STUDIES | 1-6 | Apple IIe | |
| | FOREIGN LANG. | 10-12 | Apple IIe | |
| | TOOL | 7-8 | Apple IIe | |
| | BUS. EDUC. | 10-12 | Apple IIe | |
| | VOC. EDUC. | 10-12 | Apple IIe | |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Computer literacy program to be standardized in grades 7-8. Secondary school will offer programming and application. Elementary school will continue implementing program and activities developed during school year 87-88. |
| | Curricula difinition and solidification | 7-12 | | |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 379 | 318 | 45 | 16 | 154 |
| DISTRICT OFFICE: | 24 | 0 | 24 | 0 | 22 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| BERKELEY<br>Anna B. Godbee<br>Computer Coordinator<br>P.O. Box 608<br>Moncks Corner, SC<br>29461<br>Phone: 761-8600 | COMP. LIT.<br>COMP. PROG.<br>READ./LANG.<br>SCIENCE<br>MATHEMATICS<br>SOC. STUDIES<br>FOREIGN LANG.<br>TOOL<br>BUS. EDUC.<br>VOC. EDUC.<br><br>OTHER | 7-12<br>7-12<br>K-12<br>1-12<br>1-12<br>1-12<br>9-12<br>9-12<br>9-12<br>9-12<br><br>1-12 | Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe/<br>Terac<br>Apple IIe | Every high and middle school has a CCC lab for remedial math and reading. Prescription Learning Labs for compensatory students at selected elementary and middle schools. Drill and practice in remedial/compensatory math and reading classes. High schools offer computer literacy and programming courses. Computers are used in vocational classes, in business courses, and CAD systems are used for drafting. Computers are available in most schools for classroom use. Twenty-one self-contained handicapped classes use computers for CAI and drill. |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Expand Prescription Learning Labs into other schools. Expand CCC labs as needed. Install computer curculation and catalog into selected school libraries. Implement CMS Project in six selected schools. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 1,335 | 1,065 | 77 | 193 | 334 |
| DISTRICT OFFICE: | 41 | 18 | 22 | 1 | 25 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| CALHOUN<br>Cindy Burt<br>Admin. Asst.<br>P.O. Box 215<br>St Matthews, SC 29135<br>Phone: 655-7310 | | | | |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 69 | 43 | 24 | 1 | 37 |
| DISTRICT OFFICE: | 5 | 0 | 5 | 0 | 5 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| **SCHOOL COMPUTERS** | | | | |
| CHARLESTON<br>Beverly A. Johnson<br>Computer Ed. Coordinator<br>3 Chisolm Street<br>Charleston, SC 29401<br>Phone: 722-8461,<br>Ext. 306 | COMP. LIT.<br>COMP. PROG.<br><br>READ./LANG.<br>MATHEMATICS<br>BUS. EDUC.<br>VOC. EDUC.<br>OTHER | 6-9<br>11-12<br><br>1-5<br>1-5<br>9-12<br>9-12 | Apple IIe/IIgs<br>Apple IIe/<br>Macintosh<br>Apple IIe/IIgs<br>CCC/Apple IIe<br>IBM/Tandy<br>IBM/Tandy | MECC software is supplied to all schools for the purpose of integrating computers into the curriculum. CAI math provides the CCC Minicomputer SYstem for drill and practice. Computer managed instruction hardware and software is provided for all elementary school math and language arts and for middle school math. Remedial and compensatory computer programs have been implemented in grades K-12. Logo, Basic, and Pascal programming is taught. Special education teachers use computerized IEP's. Business education programs include word processing, data processing, accounting, keyboarding and office procedures. Keyboarding instruction is encouraged at all grade levels. |
| **SCHOOL & DISTRICT OFFICE COMPUTERS** | **FUTURE PLANS** | | | Elementary - develop a curriculum guide for K-5 featuring Logo (LogoWriter), Computer Applications, and computer assisted instruction (Summer 89)<br><br>Middle - continue to upgrade labs to two drives and 128K and promote integration of computers into the curriculum-particularly in the area of writing.<br><br>Secondary - Revise curriculum guide for "Introduction to Computers" at all high schools. Continue to encourage utilization of "Introduction to Structured Programming (Pascal)" and develop guide for "AP Computer Science A" (summer 89). |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 2,351 | 1,915 | 192 | 238 | 901 |
| DISTRICT OFFICE: | 129 | 0 | 116 | 13 | 103 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |

CHEROKEE
Dr. Elizabeth Pitts
Asst. Supt., Instruction
Box 460
Gaffney, SC 29342
Phone: 489-0261

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 400 | 343 | 40 | 17 | 99 |
| DISTRICT OFFICE: | 6 | 0 | 6 | 0 | 6 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| CHESTER | COMP. LIT. | 9-12 | Apple IIe | Computers span the curriculum from kindergarten through grade 12. BASIC and PASCAL are taught in grades 9-12. Tool (Word Processing) is being taught in grades 9-12 with preliminary word processing being taught 0-12. Computer Literacy for all 8th graders is required as a nine week course. Computers are used in grades 1-6 to supplement instruction in the compensatory program. Computers and software are available to all basic skills teachers to supplement the curriculum. EIA Remedial Laboratories (grades 7-8) for both reading and math include computer-assisted instruction of one of several instructional methods. Computers and software are available on a limited basis to all basic skills teachers to provide drill and practice. In grades 9-12, two remedial language arts and two math labs have been established which provide computer-managed and computer-assisted instruction. Other classrooms use computers to provide remediation drill and practice on basic skills and SAT improvement. Training for teachers has been conducted in one course from USC. |
| James F. Poarch | COMP. PROG. | 9-12 | Apple IIe | |
| Dir., Computer Services | READ./LANG. | 1-12 | Apple IIe | |
| 121 Columbia Street | MATHEMATICS | 1-12 | Apple IIe | |
| Chester, SC 29706 | TOOL | 9-12 | Apple IIe | |
| Phone: 385-6122 | VOC. EDUC. | 9-12 | IBM PC-AT | |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Replacement of outdated computer systems will be emphasized in grade 8. Expansion of grade 9-12 programming laboratory by four computers and two printers each will allow more flexibility in the curriculum. Additionally, projection screens will be used for instructional purposes within all laboratories utilizing the Apple IIgs computer. All teachers new to the district will be taught using the Apple IIe and new school administrative staff will be trained on the IBM PC-AT. (Training for teachers will continue with one course from USC.) |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 333 | 296 | 31 | 6 | 112 |
| DISTRICT OFFICE: | 14 | 0 | 14 | 0 | 13 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| CHESTERFIELD<br>John W. Wagnon<br>Dir. of Teacher Evaluation<br>401 West Blvd.<br>Chesterfield, SC 29709<br>Phone: 623-2175 | COMP. LIT. | 5-12 | TRS-80 III/<br>Apple IIe | Elementary schools are actively seeking outside sources of funding to acquire Apple units for instructional uses. |
| | COMP. PROG. | 7-12 | TRS-80 III/<br>Apple IIe | |
| | READ./LANG. | 2-12 | Apple IIe/<br>CCC-SLS/II | |
| | SCIENCE | 5-12 | Apple IIe | |
| | MATHEMATICS | 2-12 | Apple IIe/<br>CCC-SLS/II | |
| | TOOL | 9-12 | TRS-80/Apple IIE/<br>Tandy 1000 | |
| | BUS. EDUC. | 9-12 | TRS-80/Apple IIe/<br>Tandy 1000 | |
| | VOC. EDUC. | | TRS-80/Apple IIE<br>Tandy 1000 | |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | IBM-compatible labs with 15 networked workstations are planned for each high school to enhance a planned, structured curricular offering.<br><br>The district has installed networked PC's in the high school for administrative (OSIRIS) use. A district electronic mail/bulletin board system connects all 16 schools in the district with the district office. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 492 | 443 | 28 | 21 | 101 |
| DISTRICT OFFICE: | 8 | 0 | 6 | 2 | 6 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| CLARENDON 1<br>Omega D. Hilton<br>Director of Instruction<br>Box 38<br>Summerton, SC 29148<br>Phone: 485-2600 | COMP. LIT. | 8 | Apple IIe | There have been no changes in this year's computer programs. |
| | READ./LANG. | 6-11 | Apple II/IIe | |
| | MATHEMATICS | 6-11 | Apple II/IIc | |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Additional computers, will be purchased at the high school to assist students with basic skills remediation. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 35 | 33 | 2 | 0 | 5 |
| DISTRICT OFFICE: | 4 | 0 | 4 | 0 | 4 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| **SCHOOL COMPUTERS** | | | | |
| CLARENDON 2<br>Dr. Sylvia H. Weinberg<br>Assist. Supt., Instr.<br>P.O. Box 1252<br>Manning, SC 29102<br>Phone: 435-4434 | COMP. LIT.<br>COMP. PROG.<br>READ./LANG.<br>SCIENCE<br>MATHEMATICS<br>FOREIGN LANG.<br>BUS. EDUC.<br>VOC. EDUC.<br>MATERIAL CTR. | 10<br>10<br>1-12<br>9-12<br>1-12<br>9-12<br>9-12<br>9-12<br>K-12 | TRS-80<br>TRS-80<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Atari<br>TRS-80<br>TRS-80<br>Apple IIe | Computers assist in compensatory and remedial classes at all grade levels. Computers support reading and math instruction in grades 6-12. Computers are used as instructional aids in science, foreign language, vocational courses, and in classes for gifted students. Review software for total curriculum through Material Center. |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Grants has been written to replace TRS-80 with IBMs in business education. |
| | Keyboarding<br>Computer Labs | 1-8<br>1-6 | | |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 155 | 147 | 6 | 2 | 32 |
| DISTRICT OFFICE: | 5 | 0 | 5 | 0 | 7 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| **SCHOOL COMPUTERS** | | | | |
| CLARENDON 3<br>Betty Coker<br>Computer Coordinator<br>Drawer 270<br>Turbeville, SC 29162<br>Phone: 659-2188 | COMP. LIT.<br>COMP. PROG.<br><br>READ./LANG.<br>MATHEMATICS<br>TOOL<br><br>VOC. EDUC. | 9-12<br>6-8/<br>Gifted<br>2-5<br>2-5<br>6-8/<br>Gifted<br>9-12 | Apple IIe<br><br>Kaypro<br>Apple IIe<br>Apple IIe<br><br>Kaypro<br>Apple IIGs | Students who have been identified as meeting the criteria for placement in compensatory programs receive remedial help in mathematics and reading through the use of selected computer programs. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 58 | 56 | 2 | 0 | 17 |
| DISTRICT OFFICE: | 5 | 0 | 4 | 1 | 4 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| COLLETON<br>Charles Gale<br>Computer/Testing Coord.<br>P.O. Box 290<br>Walterboro, SC 29488<br>Phone: 538-5538 | COMP. LIT. | 9-12 | Apple IIe | Secondary computer programs are in operation at the vocational center, Ruffin High School, and Walterboro High School. Middle school programs are in operation at both middle schools A and B - eight computers have been added in 1987-88. Three elementary schools received eight computers each during 1987-88. |
| | COMP. PROG. | 9-12 | Apple IIe/Softek/ Laser EX/NCR/ TRS-80 (I-IV) | |
| | READ./LANG. | 1-12 | Apple IIe/ TRS-80/TI | |
| | SCIENCE | 1-12 | Apple IIe | |
| | MATHEMATICS | 1-12 | Apple IIe/ TRS-80 | |
| | SOC. STUDIES | 1-12 | Apple IIe | |
| | FOREIGN LANG. | 9-12 | Apple IIe | |
| | TOOL | 11-12 | Softek/AT&T | |
| | BUS. EDUC. | 11-12 | Softek/AT&T | |
| | VOC. EDUC. | 11-12 | Softek/AT&T | |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Elementary schools have some computers, but are inadequately supplied. An effort will be made in 1988-89 to complete grades 4-5 (three additional schools). The needs of K-3 will be addressed in 1989-90. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 254 | 176 | 22 | 56 | 79 |
| DISTRICT OFFICE: | 3 | 0 | 2 | 1 | 3 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| DARLINGTON<br>Diane Sigmon<br>Computer Coordinator<br>102 Parks Street<br>Darlington, SC 29352<br>Phone: 393-0404 | COMP. LIT. | 7-12 | Apple IIe/ Radio Shack | |
| | COMP. PROG. | 9-12 | Apple IIe/ Radio Shack | |
| | READ./LANG. | K-12 | IBM PC jr/Apple IIe | |
| | SCIENCE | 5-6 | IBM PC jr/Apple IIe | |
| | MATHEMATICS | 1-12 | IBM PC jr/Apple IIe | |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Writing to Read labs in all elementary schools. Additional Prescription Learning labs for compensatory and remedial.<br><br>District-wide bulletin board system for administrative use. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 540 | 468 | 39 | 33 | 225 |
| DISTRICT OFFICE: | 33 | 0 | 24 | 9 | 24 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| **SCHOOL COMPUTERS** | | | | |
| DILLON 1 | READ./LANG. | 5-7 | Apple IIe | |
| Stephen Laird | SCIENCE | 9-12 | Apple IIe | |
| Asst. Supt. | MATHEMATICS | 5-12 | Apple IIe | |
| Box 644 | SOC. STUDIES | 9-12 | Apple IIe | |
| Lake View, SC 29563 | BUS. EDUC. | 10-12 | TRS-80 | |
| Phone: 759-2882 | GIFT/TALENTED | 3-10 | Apple IIe | |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 38 | 36 | 1 | 1 | 1 |
| DISTRICT OFFICE: | 1 | 0 | 1 | 0 | 1 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| **SCHOOL COMPUTERS** | | | | |
| DILLON 2 | COMP. LIT. | K-12 | Apple IIe | Used for remediation and for gifted and talented students. Computer programming is available for business students. |
| R. J. Roquemore, Jr. | COMP. PROG. | 11-12 | Apple IIe | |
| Superintendent | READ./LANG. | 1-12 | Apple IIe | |
| 401 Washington St. West | SCIENCE | 1-12 | Apple IIe | |
| Dillon, SC 29536 | | | | |
| Phone: 774-1200 | | | | |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Possible use of a district wide CAI curriculum. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 188 | 161 | 16 | 11 | 81 |
| DISTRICT OFFICE: | 6 | 0 | 3 | 3 | 4 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |

DILLON 3
Robert L. McBryde, Jr.
Asst. Supt.
Box 458
Latta, SC 29565
Phone: 752-7101

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 80 | 77 | 3 | 0 | 9 |
| DISTRICT OFFICE: | 3 | 0 | 3 | 1 | 3 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |

DORCHESTER 2
Richard D. Seastrunk
102 Greenwave Blvd.
Summerville, SC 29483
Phone: 873-6104

| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS |
|---|---|

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 505 | 444 | 45 | 15 | 156 |
| DISTRICT OFFICE: | 14 | 0 | 14 | 0 | 8 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| DORCHESTER 4<br>Maxcy Gregg<br>Computer Coordinator<br>500 Ridge St.<br>St. George, SC 29477<br>Phone: 563-4535 | READ./LANG.<br>MATHEMATICS | Elem.<br>Sec. | Apple IIe<br>Apple IIe | |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 118 | 88 | 13 | 17 | 38 |
| DISTRICT OFFICE: | 3 | 1 | 0 | 2 | 3 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| EDGEFIELD<br>Charles L. Wilkes<br>DP Manager<br>P.O. Box 608<br>Edgefield, SC 29824<br>Phone: 275-4601 | COMP. LIT.<br><br>COMP. PROG.<br><br>TOOL<br>BUS. EDUC.<br>VOC. EDUC. | K-12<br><br>7-12<br><br>9-12<br>9-12<br>9-12 | IBM S/36/<br>IBM PC/Apple<br>IBM S/36/<br>IBM PC/Apple<br>IBM PC<br>IBM PC<br>IBM PC/Apple | All students (K-12) have exposure to instructional computing. Each elementary and middle school has at least one computer lab. Kindergarten through sixth-grade students attend one day per week for CAI. Grades 7-8 attend by the quarter semester respectively for CAI and simple programming skills. Computers are used in some of the remedial and compensatory classes. The high school offers programming as an elective. All schools and the vocational school offer word processing. High school special education students use computers in the resource room. Advanced high school math classes use computers to explore math topics and to prepare for the SAT.<br>Note: High school is presently using student accounting on OSIRIS software on the PC/AT. We are utilizing data communications to the State Dept. of Education for the Teacher Certification project and for both high school and vocational SCOIS program via a PC/AT and modem. Adult Ed. night classes are learning word processing, computer concepts, and BASIC programming skills on S/36 and PC's. |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Currently installing classrooms (3) with computers from Computer Curriculum Corp. (CCC) for remediation of basic skills. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 240 | 212 | 14 | 14 | 57 |
| DISTRICT OFFICE: | 5 | 0 | 5 | 0 | 7 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| FAIRFIELD<br>Harold Scarbro<br>Chapter 1 Coord./Test. Dir.<br>Drawer 622<br>Winnsboro, SC 29180<br>Phone: 635-4607 | | | | |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 213 | 195 | 17 | 1 | 48 |
| DISTRICT OFFICE: | 14 | 6 | 8 | 0 | 12 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| FLORENCE 1<br>Thomas G. Pritchard<br>Director, Testing and Information Management<br>319 S. Dargan Street<br>Florence, SC 29501<br>Phone: 664-8151 | COMP. LIT.<br>COMP. PROG.<br>READ./LANG.<br>SCIENCE<br>MATHEMATICS<br>TOOL<br>VOC. EDUC. | K-12<br>9-12<br>1-6<br>1-6<br>1-12<br>9-12<br>9-12 | Apple IIe/ MS-DOS<br>Apple IIe/ MS-DOS<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe/ MS-DOS<br>MS-DOS | All students have access to computers. |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Additional training of teachers and administrators. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 620 | 552 | 36 | 32 | 139 |
| DISTRICT OFFICE: | 15 | 0 | 11 | 4 | 13 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| FLORENCE 2<br>E. Lanie Hyman<br>Director, Instruction<br>Route 1, Box 36B<br>Pamplico, SC 29583<br>Phone: 493-2502 | COMP. LIT. | 5-12 | Apple IIe/ Franklin | Some middle/high school students receive computer literacy training. Computer programming is offered at the high school level. Some elementary and middle school students receive instruction in reading and math via Apple IIe software and the CCC Microhost System. The Apple IIe's are also used in some science classes in grades K-8. Word processing and data processing are offered to students in grades 9-12 through the business education department. |
| | COMP. PROG. | 9-12 | Apple IIe | |
| | READ./LANG. | K-12 | Apple IIe/ Franklin/CCC | |
| | SCIENCE | 1-12 | Apple IIe/ Franklin | |
| | MATHEMATICS | 1-12 | Apple IIe/ Franklin | |
| | BUS. EDUC. | 9-12 | Apple IIe | |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 72 | 63 | 5 | 4 | 26 |
| DISTRICT OFFICE: | 4 | 0 | 4 | 0 | 3 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| FLORENCE 3<br>Christopher A. Guerrieri<br>Assistant Superintendent<br>Drawer 128<br>Lake City, SC 29560<br>Phone: 394-8652 | COMP. LIT. | El/Sec | IBM/Apple | |
| | COMP. PROG. | El/Sec | IBM/Apple | |
| | READ./LANG. | 2-8 | CCC/Apple | |
| | SCIENCE | 2-12 | Apple | |
| | MATHEMATICS | 2-12 | Apple | |
| | SOC. STUDIES | 2-12 | Apple | |
| | BUS. EDUC. | 10-12 | IBM | |
| | VOC. EDUC. | 10-12 | IBM | |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 260 | 181 | 29 | 50 | 27 |
| DISTRICT OFFICE: | 60 | 50 | 10 | 0 | 52 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| FLORENCE 4<br>Dr. James Archie<br>Director<br>112 S. Kershaw Street<br>Timmonsville, SC<br>29161<br>Phone: 346-7213 | COMP. LIT.<br><br>COMP. PROG.<br>READ./LANG.<br><br>MATHEMATICS<br><br>TOOL<br>BUS. EDUC.<br>VOC. EDUC. | 10<br><br>10-12<br>K-12<br><br>K-12<br><br>10-12<br>10-12<br>10-12 | TRS-80<br><br>IBM PCjr<br>Apple/CCC/<br>Digital<br>Apple/CCC/<br>Digital<br><br>IBM PCjr<br>IBM PCjr<br>IBM PCjr | 1. Reinforcement of basic skills in reading and mathematics (K-12)<br><br>2. Business applications, programming (BASIC) literacy and CAD (computer-aided design) in 10-12 vocational classes. |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Additional training in computer literacy will offered for all teachers in the district as an on-going program.<br><br>Perhaps the CCC/Microhost computers can be used for additional evening courses for instruction in math, reading, etc. to adults, etc. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 104 | 95 | 9 | 0 | 34 |
| DISTRICT OFFICE: | 71 | 64 | 7 | 0 | 25 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| FLORENCE 5<br>Richard Silvernail<br>Teacher/Computer Coord.<br>Drawer 98<br>Johnsonville, SC 29555<br>Phone: 386-2358 | | | | |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 75 | 68 | 6 | 1 | 22 |
| DISTRICT OFFICE: | 2 | 0 | 2 | 0 | 1 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| GEORGETOWN<br>Richard E. Toemmes<br>Director, M.I.S.<br>624 Front Street<br>Georgetown, SC 29440<br>Phone: 527-1338 | COMP. LIT. | K-12 | AppleIIe/IBM/<br>Laser/Atari/<br>Commodore | Students in grades K-12 all experience some computer usage. All middle schools are equipped with learning labs. Elementary student computer experience are integrated into existing instructional program. Secondary students experience computer use from word processing to computer repair. |
| | READ./LANG. | K-12 | Apple IIe/<br>IBM PC/<br>Atari | |
| | SCIENCE | K-12 | Apple IIe/<br>IBM PC/<br>Atari | |
| | MATHEMATICS | K-12 | Apple IIe/<br>IBM PC/<br>Atari | |
| | SOC. STUDIES | K-12 | Apple IIe/<br>IBM PC/<br>Atari | |
| | TOOL | 6-12 | Apple IIe/<br>IBM PC | |
| | BUS. EDUC. | 10-12 | IBM PC | |
| | VOC. EDUC. | 10-12 | IBM PC | |

| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | |
|---|---|---|
| | | During 1988-89 school year, all high schools and elementary schools will have CCC learning labs.<br><br>Emphasis next year will be on more extensive use of BSAP correlated software material. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 362 | 317 | 31 | 14 | 129 |
| DISTRICT OFFICE: | 69 | 28 | 39 | 2 | 29 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| **SCHOOL COMPUTERS** | | | | |
| GREENVILLE<br>Horace Butler<br>Computer Consultant<br>P.O. BOX 2848<br>Greenville, SC 29602<br>Phone: 242-6450 | COMP. LIT. | K-12 | Apple/IBM PCjr | Computers are used K-12 for CAI, CMI, computer literacy, and computer service. |
| | COMP. PROG. | 6-12 | Apple/IBM PCjr | |
| | READ./LANG. | K-12 | Apple | |
| | SCIENCE | 6-12 | Apple | |
| | MATHEMATICS | K-12 | Apple | |
| | SOC. STUDIES | K-12 | Apple | |
| | FOREIGN LANG. | 6-12 | Apple/WICAT | |
| | TOOL | 4-12 | Apple | |
| | BUS. EDUC. | 9-12 | IBM PC | |
| | VOC. EDUC. | 9-12 | IBM PC | |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Networked systems including Macintosh and Apple IIgs.<br><br>Beginning August 1988, the school district will investigate an integrated approach to computer learning and teaching. All consultants at all levels will engage in distributive computer training for subject area teachers K-12. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 2,224 | 1,943 | 131 | 149 | 740 |
| DISTRICT OFFICE: | 120 | 0 | 120 | 0 | 35 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| GREENWOOD 50 | COMP. LIT. | 1-12 | Apple II/IIe | WICAT lab at Southside Junior High installed January, 1988. EIA math and reading labs at Greenwood High are in continued use for remediation. |
| Belinda Bennett | COMP. PROG. | 10-12 | Apple II/IIe | |
| Computer Tech./Pathways | READ./LANG. | 1-12 | Apple II/IIe | |
| Michael McKenzie | SCIENCE | 1-12 | Apple II/IIe | |
| Assoc. Supt., Instr. | MATHEMATICS | 1-12 | Apple II/IIe | |
| P.O. Box 248 | SOC. STUDIES | 2-12 | Apple II/IIe | |
| Greenwood, SC 29648 | FOREIGN LANG. | 7-9 | Apple II/IIe | |
| Phone: 223-4348 | TOOL | 4-12 | Apple II/IIe | |
| | BUS. EDUC. | 10-12 | Apple II/IIe | |
| | VOC. EDUC. | 10-12 | IBM PC | |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | • Continued use and acquisition of Apples for inst. software;<br>• Participation in SDE's CMS Project (7 pilot schools); and<br>• Expansion of WICAT Lab to two (2) junior highs.<br><br>District will continue to focus on adm. uses of computers and application for teachers. CAI will be a major thrust for instruction through literacy, keyboarding (PAWS), word processing (Bank Street Writer), LOGO for 5-6 geometry, Appleworks, MECC, and other programs. Administrative networking is also planned for the district office. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 308 | 251 | 34 | 23 | 84 |
| DISTRICT OFFICE: | 18 | 0 | 14 | 4 | 17 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| GREENWOOD 51<br>John Bone<br>Supv. of Special Prog.<br>42 Sparks Aveune<br>Ware Shoals, SC 29692<br>Phone: 456-7496 | | | | |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 31 | 27 | 4 | 0 | 5 |
| DISTRICT OFFICE: | 2 | 0 | 2 | 0 | 2 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| GREENWOOD 52<br>Marilyn P. Rieger<br>Curriculum Coordinator<br>119 S. Cambridge Street<br>Ninety Six, SC 29666<br>Phone: 543-3448 | | | | Elementary students use computers in all classrooms, in compensatory programs, and for publication of a student newsletter. At the middle school level, CAI is used to reinforce regular instruction and in Chapter 1. Secondary students use computers in business education, science, and social studies classes, in remediation programs and for SAT preparation. Students in the gifted program in grades 2-10 use computers in a variety of way: including word processing, programming, and simulations. |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Continue participation in Pathways project at all schools. Maintain and refine present uses of computers. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 55 | 45 | 7 | 3 | 24 |
| DISTRICT OFFICE: | 2 | 0 | 2 | 0 | 3 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| HAMPTON 1 | COMP. LIT. | K-8 | Apple IIe | All schools in the district are running OSIRIS |
| A. Randall Vaughn | COMP. PROG. | 9-12 | IBM/Apple | The compensatory/remedial/Chapter 1 |
| Deputy Supt. | READ./LANG. | K-12 | IBM/Apple | programs are utilizing CAI at all grade levels. |
| P.O. Box 177 | SCIENCE | K-12 | IBM/Apple | Some elementary schools are using a "bonus" |
| Hampton, SC 29924 | MATHEMATICS | K-12 | IBM/Apple | time with much success in the morning |
| Phone: 943-4576 | TOOL | 9-12 | IBM | before the actual instructional day begins. |
| | BUS. EDUC. | 9-12 | IBM | This opens the door for all students to |
| | VOC. EDUC. | 9-12 | IBM | have computer time regardless of |
| | | | | their EIA classification. |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | We are planning to install a network system at Hampton Elementary. Our plans are to expand the number of computers in the district, develop lab spaces now that we have added classroom space at all schools in the district with exception of the high school, and continue to monitor the CMS work for inclusion in our district. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 148 | 133 | 15 | 0 | 11 |
| DISTRICT OFFICE: | 1 | 0 | 0 | 1 | 1 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| HAMPTON 2 | COMP. LIT. | 9-12 | Apple IIe/IIc | Middle and secondary schools have math and |
| Jack Diamond | COMP. PROG. | 11-12 | Apple IIe/IIc | reading computer labs for remediation. |
| Director, Evaluation | READ./LANG. | 1-12 | Apple IIe/IIc | |
| P. O. Box 1028 | SCIENCE | 1-12 | Apple IIe/IIc | |
| Estill, SC 29918 | MATHEMATICS | 1-12 | Apple IIe/IIc | |
| Phone: 625-2875 | SOC. STUDIES | 1-12 | Apple IIe/IIc | |
| | FOREIGN LANG. | 1-12 | Apple IIe/IIc | |
| | BUS. EDUC. | 10-12 | Apple IIe/IIc | |
| | VOC. EDUC. | 10-12 | Apple IIe/IIc | |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Increase computer literacy of all teachers Training to be provided by Beaufort TEC. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 138 | 131 | 3 | 4 | 64 |
| DISTRICT OFFICE: | 5 | 0 | 3 | 2 | 5 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| HORRY<br>Laura D. Blanchard<br>Library/Media Coord.<br>P. O. Drawer 1739<br>Conway, SC 29526<br>Phone: 248-2206 | COMP. LIT. | K-12 | Apple IIe/IIgs | Elementary - Write to Read, CCC, local computer curriculum |
| | COMP. PROG. | 9-12 | Apple IIe/IIgs | |
| | READ./LANG. | K-12 | Apple IIe/IIgs/ IBM PC | Middle - CCC and Computronics |
| | SCIENCE | 1-12 | Apple IIe/IIgs | |
| | MATHEMATICS | 1-12 | Apple IIe/IIgs | High - CCC, Computer Literacy, and Computer Programming |
| | SOC. STUDIES | 1-12 | Apple IIe/IIgs | |
| | FOREIGN LANG. | 9-12 | Apple IIe/IIgs | |
| | TOOL | 1-12 | Apple IIe/IIgs | |
| | BUS. EDUC. | 9-12 | Apple IIe/IIgs | |
| | VOC. EDUC. | 9-12 | Apple IIe/IIgs | |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Full implementation of Pathways Project.<br><br>Computerized Card Catalog/Circulation in Library/Media Centers.<br><br>Networking Osiris terminals in several schools. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 950 | 774 | 101 | 74 | 257 |
| DISTRICT OFFICE: | 75 | 0 | 75 | 0 | 52 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| JASPER<br>Curtis Brantley<br>Director, Operations<br>P.O. Box 848<br>Ridgeland, SC 29936<br>Phone: 726-7200 | | | | |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 49 | 46 | 3 | 0 | 7 |
| DISTRICT OFFICE: | 10 | 0 | 10 | 0 | 7 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| **SCHOOL COMPUTERS** | | | | |
| KERSHAW<br>Dr. Mary C. Norwood<br>Dubose Court<br>Camden, SC 29020<br>Phone: 432-8416 | COMP. LIT. | 9-12 | TRS-80/<br>Apple IIe | Secondary students have the opportunity to study computer programming. Other instructional use occurs in an integrated manner through lab scheduling in regular content classrooms. Remedial math labs are available in two high schools. K-8 programs are provided in compensatory and remedial classes. |
| | COMP. PROG. | 9-12 | TRS-80 | |
| | READ./LANG. | K-12 | Apple IIe | |
| | SCIENCE | K-12 | Apple IIe | |
| | MATHEMATICS | K-12 | TRS-80/<br>Apple IIe | |
| | SOC. STUDIES | K-12 | Apple IIe | |
| | FOREIGN LANG. | 9-12 | Apple IIe | |
| | TOOL | 9-12 | TRS-80/<br>Apple IIe | |
| | BUS. EDUC. | 9-12 | Apple IIe/<br>IBM PC | |
| | VOC. EDUC. | 9-12 | TRS-80/<br>IBM PC | |

| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | |
|---|---|---|
| | | Training for staff members continues to be available at no cost. Budgetary effort to improve ratio of computers to students to reach state average. Plan to increase access for students not in any special category.<br><br>Kershaw County maintains a MECC membership and makes other software available through district materials center. All schools are implementing OSIRIS software for administration, attendance and reporting to parents at the middle and secondary levels. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 380 | 300 | 40 | 40 | 103 |
| DISTRICT OFFICE: | 21 | 0 | 21 | 0 | 19 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| LANCASTER<br>Bruce Harris<br>Pathways Coordinator<br>P.O. Drawer 130<br>Lancaster, SC 29720<br>Phone: 286-6975 | COMP. LIT.<br>COMP. PROG.<br>READ./LANG.<br>SCIENCE<br>MATHEMATICS<br>SOC. STUDIES<br>FOREIGN LANG.<br>TOOL<br>BUS. EDUC.<br>VOC. EDUC.<br>GIFT/TALENT | K-12<br>9-12<br>K-12<br>K-12<br>K-12<br>K-12<br>9-12<br>7-12<br>10-12<br>10-12 | Apple IIe/Mac<br>Apple IIe/IBM<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe/Mac/IBM<br>Apple IIe/IBM<br>Apple IIe/IBM<br>Apple IIe/Mac | Computer literacy involving basic computer instruction and exposure to word processing is taught at appropriate grade levels. Gifted and talented students are exposed to some degree to Pagemaker and to other creative application |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Computer literacy will be emphasized to all grade levels as well as administators. Also emphasis will be made as to the wide variety of software applications. We are currently in the process of purchasing a mainframe.<br><br>The need exits to network existing computers to create more effective computer labs. Hopefully, we will be able to install a bulletin board package within the next year. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 485 | 455 | 29 | 1 | 192 |
| DISTRICT OFFICE: | 7 | 0 | 7 | 0 | 10 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| LAURENS 55<br>Russell R. Burns, Jr.<br>Dir., Inf. & Data Serv.<br>P.O. Box 38<br>Laurens, SC 29360<br>Phone: 984-3568 | | | | |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 204 | 180 | 10 | 14 | 48 |
| DISTRICT OFFICE: | 7 | 0 | 7 | 0 | 8 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| **SCHOOL COMPUTERS** | | | | |
| LAURENS 56<br>Lenny Randall<br>Assistant Supt.<br>P.O. Drawer 484<br>Clinton, SC 29325<br>Phone: 833-4130 | COMP. LIT. | 1-12 | Commodore 64/<br>Apple II/IBM PC/<br>Columbia | All schools, K-12, now have Computer Curriculum Corporation (CCC) labs (Atari computers) in place serving compensatory and remedial students in reading and mathematics. The CCC labs are also used to serve disadvantaged vocational education and gifted students (math) in survival skills and logic, respectively, in grades 9-12. Elementary and middle schools continue to use very limited numbers of Commodore 64's and Apples in computer literacy, reading, language arts, and mathematics. The IBM PC and Columbia labs at the high school continue to be used for computer programming and word processing in the business education department. |
| | COMP. PROG. | 9-12 | IBM PC/<br>Columbia | |
| | READ./LANG. | 1-12 | Atari/<br>Commodore 64/<br>Apple II | |
| | MATHEMATICS | 1-12 | Atari/<br>Commodore 64/<br>Apple II | |
| | TOOL | 9-12 | IBM PC/<br>Columbia | |
| | BUS. EDUC. | 9-12 | IBM PC/<br>Columbia | |
| | VOC. EDUC. | 9-12 | Atari/Apple | |
| | Gifted (Logic) | 9-12 | Atari | |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | All Levels | | Limited expansion of number of CCC/Atari lab units at each school to service additional numbers of remedial/compensatory/gifted students.<br><br>Additional networking at middle and high schools of Pathways computers. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 172 | 149 | 15 | 9 | 53 |
| DISTRICT OFFICE: | 7 | 0 | 7 | 0 | 6 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| **SCHOOL COMPUTERS** | | | | |
| LEE<br>Kathy C. Jackson<br>EIA Coordinator<br>P.O. Box 507<br>Bishopville, SC 29010<br>Phone: 484-5391 | COMP. LIT.<br>READ./LANG.<br>MATHEMATICS | K-12<br>K-12<br>K-12 | Apple/TRS-80<br>Apple/TRS-80<br>Apple/TRS-80 | Computers are used in the elementary, middle, and secondary grade levels to assist students in language arts and mathematics remediation. Prescription Learning Labs are used in elementary, middle, and high schools for students in compensatory and Chapters 1 programs. Governor's Labs are also used in the high schools for remediation. MECC software is available to all schools for the purpose of integrating computers in the curriculum. |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Expansion of computer-assisted instruction in grades K-12 with additional Apple microcomputers or computer labs. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 285 | 256 | 11 | 18 | 58 |
| DISTRICT OFFICE: | 4 | 0 | 4 | 0 | 4 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| LEXINGTON 1<br>Rollin W. Mills<br>Coordinator of<br>Educational Assessments<br>P.O. Box 1869<br>Lexington, SC 29072<br>Phone: 359-4178 | COMP. LIT.<br>COMP. PROG.<br>READ./LANG.<br>MATHEMATICS<br>BUS. EDUC. | 8-10<br>9-12<br>1-12<br>1-12<br>9-12 | Apple IIe/IIc<br>Apple IIe/IIc<br>Apple IIe<br>Apple IIe<br>IBM | All elementary schools have Prescription Learning Labs for reading and math. In addition, schools have labs to reinforce the basic skills. Computer literacy begins at the middle school level. Secondary students are involved in computer literacy, programming, vocational, and instruction labs. High schools have Governor's Remediation Initiative Labs. |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Update Governor's Remediation Labs. Computer literacy will continue to be taught at the middle school level. Keyboard will be implemented at the sixth-grade level. Computer labs will contine to be offered.<br><br>Staff development training for teachers will be continued through USC courses and teacher-taught computer workshops. Additional computers will be purchased to reinforce basic skills in grades 1-12 in reading and math. Additional computers will be purchased to increase computer/pupil ratio. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 341 | 289 | 28 | 24 | 129 |
| DISTRICT OFFICE: | 16 | 0 | 16 | 0 | 10 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| LEXINGTON 2 | COMP. LIT. | 7 | WICAT | The WICAT computer labs in middle schools and the Apple II labs in high schools provide most of the district's instructional computing. Although heavily used, the Apple computers in the elementary schools are too few to contribute greatly to the instructional program. |
| Jimmy L. Quinn | COMP. PROG. | 9-12 | Apple II/IBM | |
| Dir., Computer Services | READ./LANG. | 1-12 | Apple II/IBM PCjr/ NCR/WICAT | |
| 715 Ninth Street | | | | |
| W. Columbia, SC 29169 | SCIENCE | 1-12 | Apple II/IBM PC | |
| Phone: 796-4708 | MATHEMATICS | 1-12 | Apple II/WICAT | |
| | SOC. STUDIES | 1-12 | Apple II | |
| | TOOL | 9-12 | Apple II/Softek | |
| | BUS. EDUC. | 9-12 | Apple II/Softek | |
| | VOC. EDUC. | 9-12 | Apple II/IBM | |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | The district continues to compare laboratory models for instruction, believing that labs to offer greater value than single computers distributed throughout classrooms. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 428 | 356 | 44 | 28 | 187 |
| DISTRICT OFFICE: | 29 | 0 | 25 | 4 | 23 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| LEXINGTON 3 | COMP. LIT. | 9-12 | CCC/Atari/ Apple II/IIe | |
| Dr. William E. Black | | | | |
| Assistant Superintendent | READ./LANG. | 2-8 | CCC/Atari/ Apple II/IIe/ TRS-80 | |
| 707 E. Columbia Ave. | | | | |
| Batesburg, SC 29006 | | | | |
| Phone: 532-9289 | MATHEMATICS | 2-8 | Apple II/IIe/ TRS-80 | |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Basic Skills CCC Labs for grades 9-12. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 104 | 54 | 4 | 46 | 33 |
| DISTRICT OFFICE: | 2 | 0 | 1 | 1 | 1 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| **SCHOOL COMPUTERS** | | | | |
| LEXINGTON 4 | COMP. LIT. | K-12 | PS/2 System 30 LAN | |
| Assistant Superintendent | COMP. PROG. | 10-12 | PS/2 System 30 LAN | |
| P.O. Box 569 | READ./LANG. | K-12 | Apple/IBM/TI/Atari | |
| Swansea, SC 29160 | SCIENCE | 10-12 | PS/2 System 30 LAN | |
| Phone: 779-7373 | MATHEMATICS | 9-12 | Atari/IBM | |
| | SOC. STUDIES | 7-8 | IBM | |
| | TOOL | 9-12 | PS/2 System 30 LAN | |
| | BUS. EDUC. | 9-12 | PS/2 System 30 LAN | |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | All personnel will have access to an IBM network workstation by the summer of 1988 with word processing, flat-file databases, desktop publishing, spreadsheet utilization, and various other application software packages. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 78 | 48 | 13 | 17 | 15 |
| DISTRICT OFFICE: | 17 | 10 | 7 | 0 | 5 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| LEXINGTON 5<br>Aleda R. Anderson<br>Coord., Computer Ed.<br>P.O. Box 938<br>Ballentine, SC 29002<br>Phone: 781-0457 | COMP. LIT. | 1-12 | *Apple IIe's and IBM PC's are used throughout the instructional program. | Elementary: Computer experiences for students are integrated into the existing instructional program - second-grade students are introduced to word processing using LegoWriter as part of their language arts program and third- and fourth-grade build machines and integrate robotics using Lego TC Logo as part of their science activities.<br>Middle/Jr.: Labs and individual classroom systems offer opportunities for word processing, CAI, and computer programming.<br>Secondary: Students are introduced to desktop publishing through journalism and have access to the math/science computer lab. A remedial reading lab also offers opportunities for SAT preparation. Courses available include Introduction to Computers, Computer Science I (Basics), Computer Science II AP (Pascal), Word Processing, Data Processing, Keyboarding, Computerized Accounting, and Computer Assisted Drafting (CAD).<br>The district has its own in-house maintenance and repair program implemented through the computer technology course (Vocational Education). |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Appleworks Application - 6th grade<br>Expansion of LegoLogo Program<br>Desktop Publishing<br>Classroom-level instructional support<br>Graduate courses<br><br>Appleworks (word processing, spreadsheet, and database) will be integrated into the 6th grade curriculum as a tool for students, completing an instructional strand for each elementary grade level. Expansion of the LegoLogo Program will include 5th grade. Classroom level instructional support will include special-grade level workshops and two graduate credit computer courses offered at no cost to teachers (12 such courses have previously been offered). Desktop publishing will be included in the middle schools. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 584 | 482 | 44 | 58 | 151 |
| DISTRICT OFFICE: | 32 | 0 | 28 | 4 | 27 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| MCCORMICK<br>Marsha DuPre<br>Middle School Guidance Counselor<br>P.O. Box 548<br>McCormick, SC 29835<br>Phone: 465-2435 | COMP. LIT.<br>COMP. PROG.<br>READ./LANG.<br>SCIENCE<br>MATHEMATICS<br>SOC. STUDIES<br>TOOL<br>BUS. EDUC.<br>VOC. EDUC.<br>SPECIAL ED. | 9-12<br>9-12<br>K-12<br>1-8<br>1-12<br>1-12<br>9-12<br>9-12<br>9-12 | Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>IBM PC<br>IBM PC<br>Apple IIe<br>Apple IIe | Apple IIe's are used in all schools for instructional use. IBM PC's are used in the business education dept. at the high school level (9-12). NCR's are used at midde/high school-(administrative use). |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 164 | 155 | 5 | 4 | 29 |
| DISTRICT OFFICE: | 2 | 0 | 2 | 0 | 2 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| MARION 1<br>James A. Blake<br>Asst. Supt., Admin.<br>616 Northside Ave.<br>Marion, SC 29571<br>Phone: 423-1811 | COMP. LIT.<br>COMP. PROG.<br>READ./LANG.<br>SCIENCE<br>MATHEMATICS<br>SOC. STUDIES<br>FOREIGN LANG. | K-12<br>9-12<br>K-12<br>K-12<br>K-12<br>K-12<br>9-12 | Apple IIe/IIgs/ TRS-80 III/IV<br>Apple IIe/ TRS-80 III/IV<br>Apple IIe/IIgs/CCC<br>Apple IIe<br>Apple IIe/IIgs/ CCC/TRS-80 III/IV<br>Apple IIe<br>Apple IIe | All elementary students are given access to computers on a limited basis Chapter 1 remedial and compensatory math students are receiving CAI using CCC (grades 3-12). Chapter 1 students in reading also use CAI with CCC. Students in grades 9-12 may also elect to take an introductory computer course and an introduction to Pascal. |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | ALL | | To continue to more fully utilize the available technology.<br><br>Expand the use of MECC materials. Additional computers and printers will be purchased. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 136 | 131 | 5 | 0 | 31 |
| DISTRICT OFFICE: | 8 | 0 | 7 | 1 | 8 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| MARION 2<br>Dr. William C. Foil<br>Superintendent<br>P.O. Box 689<br>Mullins, SC 29574<br>Phone: 526-2181 | COMP. LIT.<br><br><br>READ./LANG.<br>MATHEMATICS<br>SOC. STUDIES<br>FOREIGN LANG.<br>TOOL<br>BUS. EDUC.<br>VOC. EDUC.<br>OTHER | 9-11<br><br><br>4-11<br>3-11 | Radio Shack Models. III/IV/Tandy 1000/ Apple IIe<br><br><br>Apple IIe<br>Apple IIe | The elementary students have access to Apple IIe in classrooms and libraries. Reinforcement and practice is provided for reading and math. Provide secondary with more reading and math practice, as well as SAT and PSAT practice. |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Administrative OSIRIS training spreading throughout the district. An IBM Write-to-Read lab is planned for use with first-grade students who do not test ready on CSAB.<br><br>The use of word processing helps develop recognition and practice using reading skills. The Write to Read program takes advantage of this to develop beginning reading and writing skills. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 226 | 213 | 5 | 8 | 39 |
| DISTRICT OFFICE: | 13 | 0 | 8 | 5 | 9 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| MARION 3<br>Rachel J. Mason<br>Coord., Spec. Services<br>P. O. Drawer 439<br>Rains, SC 29589<br>Phone: 423-2891 | COMP. LIT.<br>READ./LANG.<br>SCIENCE<br>MATHEMATICS<br>SOC. STUDIES<br>BUS. EDUC.<br>VOC. EDUC. | 9-12<br>1-8<br>1-8<br>1-8<br>1-8<br>9-12<br>9-12 | TRS-80<br>Apple IIe<br>Apple IIE<br>Apple IIe<br>Apple IIe<br>TRS_80<br>Apple IIe | Computers are available for use by students in individual classes, library computer centers and in special classes that are designed to remediate the math and reading of students who score below standard in areas of math and reading in grades 9-12. |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Set up modems for contact with Columbia. Set up a computer network. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 51 | 49 | 2 | 0 | 21 |
| DISTRICT OFFICE: | 2 | 0 | 2 | 0 | 2 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| MARION 4<br>Jean W. Pearson<br>Guidance<br>Route 1, Box 499<br>Gresham, SC 29546<br>Phone: 362-0331 | READ./LANG. | 1-12 | Apple IIe/<br>TRS-80/<br>Commodore 64 | Britton's Neck High School currently participates in the Governor's Remedial Reading and Math Program. This program was monitored by Winthrop College during the 1986-87 school year. |
| | MATHEMATICS | 1-12 | Apple IIe/<br>TR-80/<br>Commodore 64 | |
| | BUS. EDUC. | 11-12 | IBM Personal<br>Typing System | |
| | VOC. EDUC. | 11-12 | Apple IIe | |
| | LIBRARY | 8-12 | Apple IIe | |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | If funds are available, additional computers will be purchased by the Britton's Neck Elementary School.<br><br>Britton's Neck High School currently uses the Apple IIe located in the library to access SCOIS. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 9 | 8 | 1 | 0 | 8 |
| DISTRICT OFFICE: | 1 | 0 | 1 | 0 | 1 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| MARLBORO<br>Herbert H. Gould<br>Dir., Elem. & Mid. Sch.<br>122 Broad Street<br>Bennettsville, SC 29512<br>Phone: 479-4016 | COMP. LIT. | 1-12 | TRS-80<br>Models II, IV | Computer awareness programs have been designed for students in grades 1-12. Instructional programs in reading and math are provided for students enrolled in remedial/ compensatory programs, grades 1-12, and Chapter 1 students in grades 4-8. Counselors are using computers for career information and SAT practice activities. Computers are used for data processing, business management and drafting in grades 11-12. |
| | READ./LANG. | 1-12 | TRS-80 Mod. 4/<br>Apple IIe | |
| | MATHEMATICS | | TRS-80<br>Models II, IV/<br>Apple IIe | |
| | BUS. EDUC. | | TRS-80 Model IV | |
| | VOC. EDUC. | | IBM PC/<br>IBM Model 30 | |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | The school district staff development plans are designed toward the appropriate software.<br><br>The district office plans to maintain personnel records, instructional inventories and internal accounts. We also plan to participate in a program to reduce paperwork. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 296 | 275 | 17 | 3 | 51 |
| DISTRICT OFFICE: | 5 | 0 | 5 | 0 | 3 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| NEWBERRY | COMP. LIT. | 4-8 | Apple IIe | Math/Reading 4-6 Apple IIe |
| Robert L. Hollis | COMP. PROG. | 11-12 | TRS 80 | All state comp/rem students. |
| Director, Instr./Curr. | READ./LANG. | 4-8 | Apple IIe | |
| P.O. Box 718 | SCIENCE | 9-12 | Apple IIe | Math/Science 9-12 Apple IIe |
| Newberry, SC 29108 | MATHEMATICS | 4-12 | Apple IIe | All 10-12 grade math/science students. |
| Phone: 276-3216 | SOC. STUDIES | | | |
| | FOREIGN LANG. | | | Math 9 Apple IIe |
| | TOOL | 10-12 | TRS 80 | State remedial students. |
| | BUS. EDUC. | 10-12 | TRS 80 | |
| | | | | Programming 11-12 TRS-80 |
| | | | | 11th & 12th grade C.P. students. |
| | | | | Tool 10-12 TRS-80 |
| | | | | 10th-12th grade Vocational students |
| | | | | Comp. Lit. 3-8 Apple IIe |
| | | | | Gifted/talented students-summer program. |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Apple IIe abs in all schools for CAI, math, and science. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 229 | 205 | 23 | 1 | 71 |
| DISTRICT OFFICE: | 6 | 0 | 6 | 0 | 6 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| OCONEE<br>Joseph A. Rukat, Jr.<br>Mathematics Coordinator<br>P O. Box 220<br>Courthouse Annex<br>Walhalla, SC 29691<br>Phone: 638-4059 | COMP. LIT.<br><br>COMP. PROG.<br><br>READ./LANG.<br>SCIENCE<br>MATHEMATICS<br>TOOL<br>BUS. EDUC.<br>VOC. EDUC.<br>OTHER | K-12<br><br>9-12<br><br>K-12<br>K-12<br>K-12<br>9-12<br>9-12<br>9-12 | Commodore/<br>Apple/IBM<br>Commodore/<br>Apple/IBM<br>Commodore/Apple<br>Commodore/Apple<br>Commodore/Apple<br>IBM<br>IBM<br>IBM | Elementary: Over the past few years, Oconee School District has steadily increased their computer quantities to where 42 percent of our elementary schools have labortories. Our primary concern in the elementary area is literacy. Our goal is to have every elementary student computer literate before they reach the middle school grades.<br>Middle/Junior: In the middle school area, we continue to emphasize literacy, but begin to address programming. At the present time, 75 percent of our middle schools are using a laboratory environment. Oconee County is participating in the State Vocational Education Consortium Program. Through this program, Oconee has been able to order a total of 70 IBM model 25 computers for student use and 5 IBM model 30 computers for teacher use this year which will be used in all five middle school laboratories. The goal is for every eighth-grade student to have mastered keyboarding skills by the end of eighth grade. We will also use "PC VIEWERS" interfaced to the IBM model 30 units as our primary means of instruction, with Touch Typing Tutor as our support software.<br>High School: In the secondary schools, every school has a laboratory. In addition, 75 percent of the high schools are networked for administrative purposes. |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Elementary: In the past, almost every school would purchase one or two computer systems with the use of Chapter 2 Block Grant Funds. Since this decision is made by the principal, and the demand for computerization has not diminished, we feel confident that computers will continue to be purchased at that normal rate.<br>Middle/Junior: The South Carolina Edcuation Consortium will continue for five more years and possibly provide additional equipment.<br>Secondary: We will continue to expand our present computer laboratories by one or two computer systems. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 514 | 425 | 64 | 25 | 160 |
| DISTRICT OFFICE: | 62 | 41 | 21 | 0 | 12 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| ORANGEBURG 1<br>Mrs. Vernon W. Williams<br>P.O. Box 337<br>Springfield, SC 29146<br>Phone: 258-3418 | COMP. PROG. | 11-12 | TRS-80/NCR/ IBM | High schools utilize the OSIRIS software for maintaining attendance, scheduling classes, and grade reporting. Apple computers are used for instruction in reading/language arts, science, math (computer lab for remedial students), and in the vocational classes. A computer with SAT/PSAT diskettes is available in the guidance office for use by students. |
| | READ./LANG. | 1-12 | Apple IIe | |
| | SCIENCE | 9-12 | TRS-80/NCR/ Apple IIe | |
| | MATHEMATICS | 3-12 | Apple IIe | |
| | TOOL | 11-12 | TRS-80/NCR/ IBM | |
| | VOC. EDUC. | 9-12 | Apple IIe | |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Personnel in the district will receive training during the summer months.<br><br>Within the next school year, junior high school will utilize the OSIRIS software for maintaining attendance, scheduling classes and grade reporting. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 75 | 67 | 7 | 1 | 24 |
| DISTRICT OFFICE: | 2 | 0 | 2 | 0 | 3 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| ORANGEBURG 2<br>Dixie O'Cain<br>Bookkeeper<br>P.O. Box 36<br>Bowman, SC 29018<br>Phone: 829-2981 | COMP. LIT. | K-12 | Apple IIe/ Commodore 64/ Commodore 8032 | |
| | READ./LANG. | 1-12 | Apple IIc/ Apple IIe | |
| | MATHEMATICS | 1-12 | Apple IIc/ Apple IIe | |
| | VOC. EDUC. | | Apple IIc/ Apple IIe | |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 17 | 16 | 1 | 0 | 7 |
| DISTRICT OFFICE: | 47 | 44 | 3 | 0 | 13 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| ORANGEBURG 3<br>Mukesh M. Swami<br>Director, Middle Schs.<br>P.O. Box 98<br>Holly Hill, SC 29059<br>Phone: 496-3288 | COMP. PROG. | 10-12 | TRS-80 Model III | Computers are used in Chapter 1 reading and mathematics classes in the middle schools. Teachers in the district now utilize computers more in their instruction than they did in previous years. |
| | READ./LANG. | 1-12 | Apple IIe/<br>TRS-80 Color/<br>IBM PC/IBM PCjr/<br>Rainbow | |
| | SCIENCE | 1-8 | Apple IIe/IBM PC | |
| | MATHEMATICS | 1-12 | Apple IIe/<br>TRS-80 Color/<br>IBM PC/Rainbow | |
| | BUS. EDUC. | 10-12 | Lanier/IBM PC | |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Attempts are being made to ensure that each teacher in the district will have access to at least one computer. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 110 | 97 | 11 | 2 | 37 |
| DISTRICT OFFICE: | 3 | 0 | 1 | 2 | 3 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| ORANGEBURG 4<br>John Herring<br>Superintendent<br>P.O. Drawer A<br>Cordova, SC 29039<br>Phone: 534-8081 | | | | |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 66 | 55 | 4 | 7 | 22 |
| DISTRICT OFFICE: | 3 | 0 | 0 | 3 | 2 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| ORANGEBURG 5<br>Louise H. Amos<br>Computer Coordinator<br>578 Ellis Avenue<br>Orangeburg, SC 29115<br>Phone: 534-5454 | COMP. LIT. | 1-12 | IBM PC/PS/2 (25&30)/Apple IIe | Courseware/software programs are provided in each content area at each grade level to supplement/enhance the regular curriculum for the same. Writing to Read, Reading, Speaking & Writing to Learn. |
| | COMP. PROG. | 9-12 | IBM PC/Apple IIe/ Lanier 128 | |
| | READ./LANG. | 1-12 | IBM PC/PS/2 (25,30&60)/ Apple IIe | |
| | SCIENCE | 2-12 | IBM PC/PS/2 (25,30&60)/ Apple IIe | |
| | MATHEMATICS | K-12 | IBM PC/PS/2 (25,30&60)/ Apple IIe | |
| | SOC. STUDIES | 2-4 | IBM PC/PS/2 (25,30&60)/ Apple IIe | |
| | TOOL | K-12 | IBM PC/PS/2 (25,30&60)/ Apple IIe | |
| | BUS. EDUC. | 9-12 (COVEC) | IBM PC/ PS/2 Model 30 | |
| | VOC. EDUC. | 9-12 (COVEC) | IBM PC/ PS/2 Model 30 | |

| | | |
|---|---|---|
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | 1. Beyond Writing to Read (grade 2) 4-5 Model 25's and 1 printer per 22 2nd grade classes.<br>2. Continue to purchase appropriate courseware for each grade level.<br>3. School-wide network (grades 4-8) Belleville Middle renovation calls for 5-8 computers per academic classroom networked to file servers (Model 80's) to include management software and appropriate courseware for content area.<br>4. Library update (each school) district-wide plan for computerization of each library with management systems for inventory, checkout, etc. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 655 | 621 | 19 | 15 | 69 |
| DISTRICT OFFICE: | 27 | 2 | 21 | 4 | 28 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| ORANGEBURG 6 | COMP. LIT. | 10-12 | Apple IIe | High School (9-12): 7 Computers used for Intro. to Computers and word processing classes; also used for math and language remediation for disadvantaged vocational students.<br><br>Elementary (1-7): 11 Computers used for reinforcement, remediation and gifted students-math, reading, lang.,science and social studies. |
| Phalya Donaldson | READ./LANG. | Elem./ 9-12/ Remed. | Apple IIe/Tandy | |
| Pathways Coordinator/ Vocational Aide | | | | |
| P.O. Box 640 | SCIENCE | Elem. | Apple IIe/Tandy | |
| North, SC 29112 | MATHEMATICS | Elem./ 9-12/ Remed. | Apple IIe/Tandy | |
| Phone: 247-2541 | | | | |
| | SOC. STUDIES | Elem. | Apple IIe/Tandy | |
| | TOOL | 10-12 | Apple IIe | |
| | VOC. EDUC. | 9-12 (Disadv.) | Apple IIe | |
| | SCOIS | 9-12 | Apple IIe | |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 23 | 20 | 3 | 0 | 10 |
| DISTRICT OFFICE: | 22 | 18 | 3 | 1 | 11 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| ORANGEBURG 7 | COMP. LIT. | K-12 | Apple II/IBM PCjr | The above instructional uses are supplemental methods (CAI and management). |
| Myrtle R. Hardwick | COMP. PROG. | 9-12 | Apple II/IBM PCjr | |
| Secretary to Supt. | READ./LANG. | K-12 | Apple II/IBM PCjr | |
| P.O. Drawer L | SCIENCE | K-12 | Apple II/IBM PCjr | |
| Elloree, SC 29047 | MATHEMATICS | K-12 | Apple II/IBM PCjr | |
| Phone: 897-2211 | TOOL | 9-12 | Apple II/IBM PCjr | |
| | BUS. EDUC. | 9-12 | Apple II/IBM PCjr | |
| | VOC. EDUC. | 9-12 | Apple II/IBM PCjr | |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | |
| | | All | | Computer in every classroom. |
| | | All | | All students will have hands-on experience utilizing computers and software. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 47 | 41 | 6 | 0 | 13 |
| DISTRICT OFFICE: | 5 | 0 | 5 | 0 | 5 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| ORANGEBURG 8<br>Starr Bright<br>Computer Coordinator<br>P.O. Box 248<br>Branchville, SC 29432<br>Phone: 274-8875 | COMP. LIT.<br>COMP. PROG.<br>READ./LANG.<br>SCIENCE<br>MATHEMATICS<br>FOREIGN LANG.<br>TOOL<br>BUS. EDUC.<br>COMP. LAB | 8 & 12<br>12<br>9-12<br>8-12<br>1-12<br>10-12<br>1-12<br>10-12<br>8-12 | Lanier/Apple IIe<br>Lanier<br>Apple IIe<br>Apple IIc/IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Lanier<br>Lanier/Apple IIe | Training for teachers-Intro. to Computers (Spring '88) - Elem., Middle, and Secondary. |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Development of a computer lab at the high school for 1988-89.<br><br>Purchase of Data Display Systems and video disc players for each school; purchase another computer for the district office. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 19 | 17 | 1 | 1 | 29 |
| DISTRICT OFFICE: | 50 | 25 | 4 | 21 | 30 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| PICKENS | COMP. LIT. | 7-12 | IBM/Apple/Comm. | The primary of computersuse is as a supplement to instruction at as many levels as possible. Some programming (Logo) is done at the elementary level; however, most programming is at the secondary level in BASIC and Pascal. Computer literacy is included at some schools in grades 7-12. |
| Elizabeth L. Lashley | COMP. PROG. | 8-12 | IBM/Apple/Comm. | |
| Pathways/Secondary Mathematics Coordinator | READ./LANG. | K-12 | WICAT/Apple/ IBM/Comm. | |
| Route 8, Box 375 | SCIENCE | K-12 | IBM/Apple | |
| Easley, SC 29640 | MATHEMATICS | K-12 | WICAT/Apple/ IBM/Comm. | |
| Phone: 859-1405 | SOC. STUDIES | K-12 | IBM/Apple | |
| | FOREIGN LANG. | 8-12 | IBM/Apple | |
| | TOOL | 4-12 | IBM/Apple/Comm. | |
| | BUS. EDUC. | 9-12 | IBM/Apple | |
| | VOC. EDUC. | 7-12 | IBM/Apple | |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | The district is a pilot district for the Classroom Management System, a part of the PATHWAYS project. Long term goals include having computer labs in all schools with sufficient mobile computers for classroom use and having a computer with overhead viewer in at least the mathematics classrooms.<br><br>An instructional goal is to have all students learn to use the computer as an appropriate tool. The limited CAI use now in effect will be cautiously expanded as more sophisticated programs are available. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 467 | 361 | 88 | 18 | 199 |
| DISTRICT OFFICE: | 16 | 0 | 11 | 5 | 16 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| RICHLAND 1<br>Jim Hockman<br>Coordinator, Instructional Computing & Tech.<br>1616 Richland Street<br>Columbia, SC 29201<br>Phone: 733-5304 | COMP. LIT.<br>COMP. PROG.<br>READ./LANG.<br>SCIENCE<br>MATHEMATICS<br>TOOL<br>BUS. EDUC.<br>VOC. EDUC. | K-12<br>2-12<br>K-12<br>4-12<br>K-12<br>K-12<br>9-12<br>9-12 | Apple IIe/GS/ IBM PC Jr<br>Apple IIe/GS/ IBM PC Jr<br>Apple IIe/GS<br>Apple IIe/GS<br>Apple IIe/GS/ IBM PC Jr<br>Apple IIe/GS/ IBM PC Jr<br>IBM<br>IBM | Computers are available to students in 75 labs, classrooms, and media centers throughout the district. The thrust for computer use is to integrate the technology into the classroom to support the regular instructional program. Courses are offered to middle and high school students Students in business education, Chapter 1, EIA, special education, and gifted programs use computers on a regular basis. |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | |
| | | All | | Based on past trends it is anticipated the approximately 100 computers will be added to the instructional program. Training is provided through several offices in the the district, including the #1 Teacher Center. Courses for graduate and certificate renewal credit are offered on a regular basis. Software will be available for techers to review and use on a checkout basis in their classrooms. |
| | | All | | As funds and hardware become available, instructional computing programs will be extended to more schools in the district. Funding for special instructional projects is being explored. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 1,470 | 1,271 | 61 | 137 | 630 |
| DISTRICT OFFICE: | 92 | 0 | 69 | 23 | 74 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| RICHLAND 2<br>Deborah G. Randolph<br>Manager, Computer Services<br>6831 Brookfield Road<br>Columbia, SC 29206<br>Phone: 787-1910 | COMP. LIT.<br>COMP. PROG.<br>BUS. EDUC.<br>VOC. EDUC. | All<br>10-12<br>9-12<br>9-12 | Varies--mostly Apple IIgs<br>IBM<br>Mostly IBM<br>Varies--mostly IBM | Software (appropriate) is being integrated in all applicable areas. |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Expanded use of computers for Instructional management - all levels.<br><br>Through ECIA, Chapter 1 - a Take Home Computer Program in mathematics was recently installed. It will be expanded in 1988-89 to include reading. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 427 | 383 | 39 | 5 | 131 |
| DISTRICT OFFICE: | 27 | 0 | 27 | 0 | 22 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| SALUDA<br>Kay D. Rankin<br>Chapter 1/<br>Basic Skills Coordinator<br>404 N. Wise Road<br>Saluda, SC 29138<br>Phone: 445-8064 | COMP. LIT.<br>COMP. PROG.<br>READ./LANG.<br>SCIENCE<br>MATHEMATICS<br>SOC. STUDIES<br>FOREIGN LANG.<br>TOOL<br>BUS. EDUC.<br>VOC. EDUC.<br>GIFTED<br>RESOURCE | 5-12<br>7-12<br>K-12<br>K-12<br>K-12<br>K-12<br>9-12<br>9-12<br>9-12<br>9-12 | Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe | All elementary students are given access to computers on a limited basis. In compensatory, remedial, and Chapter 1 classes, computers are used for drill and practice. Kindergarten and first-grade students have CAI in math and reading. Computer instruction provides enrichment in G/T classrooms. Some students in grades 5-8 are instructed in computer literacy. The middle school has a computer lab available to all teachers and students. At the high school, computers are used to teach word and data processing, computer literacy, computer science, and CAI in math, consumer homemaking, remedial, and Chapter 1 classes. A computer lab is available to all teachers and students. |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | |
| | Pathways Project | All | | 4 NCR PC8-AT<br>All schools will use Pathways Project software for database, scheduling, attendance, and grade reporting applications. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 128 | 116 | 10 | 2 | 41 |
| DISTRICT OFFICE: | 5 | 0 | 5 | 0 | 5 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| SPARTANBURG 1<br>Daniel A. McDowell<br>Coordinator,<br>Administrative Services<br>P.O. Box 218<br>Campobello, SC 29322<br>Phone: 472-2846 | COMP. LIT.<br>COMP. PROG.<br>READ./LANG.<br>TOOL<br>BUS. EDUC. | 7-12<br>11-12<br>1-6<br>10-12<br>10-12 | Apple IIe/IBM PC<br>Apple IIe<br>Apple IIe<br>IBM PC<br>IBM PC | |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Develop a reading center for all Chapter 1 students. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 170 | 153 | 17 | 0 | 50 |
| DISTRICT OFFICE: | 4 | 0 | 4 | 0 | 2 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| SPARTANBURG 2<br>Ray Ramsey<br>Director<br>Route 6<br>Spartanburg, SC 29303<br>Phone: 578-0128 | COMP. LIT.<br>READ./LANG.<br>MATHEMATICS<br>BUS. EDUC. | 10-12<br>1-8<br>1-8<br>10-12 | Apple IIe<br>Apple IIe/Gs<br>Apple IIe/Gs<br>Apple/Lanier | Elementary schools are using computers for drill and practice. Secondary schools are using computers for word processing in business education and for application of spreadsheets and databases in computer literacy courses. |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Undetermined at the school level. Pathways Project at all schools and district. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 244 | 223 | 15 | 6 | 67 |
| DISTRICT OFFICE: | 14 | 0 | 14 | 0 | 10 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| SPARTANBURG 3<br>Ann T. White<br>Director, Media &<br>Public Information Servs<br>P.O. Box 267<br>Glendale, SC 29346<br>Phone: 579-3330 | COMP. LIT.<br>READ./LANG.<br>SCIENCE<br>MATHEMATICS<br>SOC. STUDIES<br>BUS. EDUC.<br>VOC. EDUC. | 10-12<br>K-6<br>4-12<br>K-12<br>K-8<br>10-12 | Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>IBM | Elementary students have access to computers in the classroom and in school library media centers. Computers are used for computer assisted instruction. Math and English labs are available at the secondary level and make extensive use of computers. Computer literacy is taught in all of these programs. |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | The district is evaluating software and equipment for the installation of remedial labs at the elementary level. School library media centers are being automated at all levels.<br><br>At the high school, computers are used to teach word processing, computer literacy and computer science. Compensatory, remedial, and Chapter 1 classes use computers for drill and practice. All special education classes have computers to assist with instruction. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 134 | 88 | 14 | 32 | 70 |
| DISTRICT OFFICE: | 6 | 0 | 4 | 2 | 12 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| SPARTANBURG 4<br>J. Lynn Harrill<br>Director, Instruction<br>P.O. Box 669<br>Woodruff, SC 29388<br>Phone: 476-3186 | COMP. LIT.<br>READ./LANG.<br>MATHEMATICS<br>TOOL<br>BUS. EDUC. | 1-12<br>K-12<br>K-12<br>7-12<br>11-12 | Apple<br>Apple<br>Apple<br>Apple<br>Apple | Computer literacy is provided for students. Computers are used to remediate students in mathematics and reading. Computer literacy and word processing skills are taught in computer labs (4-6), (7-9), and (10-12). |

SCHOOL & DISTRICT OFFICE COMPUTERS — FUTURE PLANS

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 120 | 79 | 10 | 31 | 45 |
| DISTRICT OFFICE: | 4 | 0 | 4 | 0 | 4 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| SPARTANBURG 5<br>Sid Crumpton<br>Assistant Supt.<br>P.O. Box 307<br>Duncan, SC 29334<br>Phone: 439-6326 | COMP. LIT.<br>COMP. PROG.<br>READ./LANG.<br>SCIENCE<br>MATHEMATICS<br>SOC. STUDIES<br>FOREIGN LANG.<br>TOOL<br>BUS. EDUC.<br>VOC. EDUC. | 1-12<br>11-12<br>9-12<br>9-12<br>9-12<br>9-12<br>9-12<br>11-12<br>11-12<br>9-12 | Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>IBM<br>IBM<br>IBM/IBM PCjr | |

SCHOOL & DISTRICT OFFICE COMPUTERS — FUTURE PLANS

Implement and upgrade word processing-All administrative levels.

Install network system at Byrnes High School.

Upgrade hardware and software as technology changes.

Continue training at all levels in word processing and OSIRIS.

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 218 | 195 | 9 | 14 | 70 |
| DISTRICT OFFICE: | 4 | 0 | 2 | 2 | 4 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| SPARTANBURG 6 | COMP. LIT. | 9-12 | IBM/Radio Shack | Apples are used throughout the district in classrooms and libraries in all subject areas. |
| Judy Antley | COMP. PROG. | 9-12 | IBM/Radio Shack | |
| Math Coordinator | READ./LANG. | 2-12 | CCC | |
| 1493 W. O. Ezell Blvd. | MATHEMATICS | 2-12 | CCC | |
| Spartanburg, SC 29301 | BUS. EDUC. | 9-12 | Apple IIe | |
| Phone: 576-4212 | VOC. EDUC. | 9-12 | Apple IIe | |
| | OTHER | 9-12 | Apple IIe | |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 367 | 318 | 29 | 19 | 77 |
| DISTRICT OFFICE: | 11 | 2 | 9 | 0 | 11 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| SPARTANBURG 7 | COMP. LIT. | 3-12 | Apple IIe | |
| Carol Ellis | COMP. PROG. | 3-12 | Apple IIe | |
| Mathematics Consultant/ | READ./LANG. | 1-6 | Apple IIe | |
| Computer Contact | SCIENCE | 10-12 | Apple IIe | |
| P.O. Box 970 | MATHEMATICS | 1-12 | Tandy/Apple IIe | |
| Spartanburg, SC 29304 | SOC. STUDIES | 1-6 | Apple IIe | |
| Phone: 594-4400 | TOOL | 10-12 | Apple IIe/Lanier | |
| | BUS. EDUC. | 10-12 | Apple IIe/Lanier | |

SCHOOL & DISTRICT OFFICE COMPUTERS — FUTURE PLANS

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 667 | 588 | 34 | 45 | 111 |
| DISTRICT OFFICE: | 75 | 41 | 31 | 3 | 22 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| SUMTER 2<br>Brenda C. Logan<br>Computer coordinator<br>P.O. Box 2425<br>Sumter, SC 29150<br>Phone: 469-6900 | COMP. LIT.<br>COMP. PROG.<br>READ./LANG.<br>SCIENCE<br>MATHEMATICS<br>SOC. STUDIES<br>TOOL<br>BUS. EDUC. | K-12<br>10-12<br>2-12<br>6-12<br>K-12<br>6-12<br>9-12<br>9-12 | Apple IIe<br>IBM PC/XT<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>IBM PC/XT<br>IBM PC/XT | Ten WICAT mainframe systems at ten (10) elementary schools with thirty (30) work-stations each serve approximately 3,500 students each school day. The lab also are used as part of the summer program to provide enrichment activities in writing and mathematics.<br><br>The Chapter 1 reading and math programs piloted projects using EDL and Prescription Learning curriculum programs.<br><br>The elementary self-contained special education classes received Apple IIe computers for the classroom this year. The goals and objectives on the I.E.P. for these students. |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Options to expand the WICAT computer labs are being explored for the 1988-89 school year. Additional systems for the secondary schools and the expansion of existing systems are under consideration.<br><br>The PATHWAYS Project is being implemented in all of the District's schools for the1988-89 school year. An on-going OSIRIS training program for the district's staff has been established to assist schools as they prepare for full implementation.<br><br>Chapter 1 and programs for the handicapped will be expanding the use of microcomputers in the classrooms with the purchase of additional hardware. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 578 | 532 | 37 | 9 | 116 |
| DISTRICT OFFICE: | 14 | 0 | 14 | 0 | 11 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| SUMTER 17<br>Lawrence Williams<br>Coordinator of Media and Technology<br>P.O. Box 1180<br>Sumter, SC 29150<br>Phone: 469-8536 | COMP. LIT. | K-12 | Apple IIe/IIGs/ IBM PC Jr | The middle and high schools MS-DOS computers are networked to each administrator and counselor. All district schools use the OSIRIS software for their administrative activities. The schools and the district media center provide all the MECC programs, plus many commercial software products for administrative and instructional use. The schools have access to computer labs and computers on carts in each school. These are used on all levels of instruction. The high school has a semester course in computer math and a two-semester course in data processing. A district computer catalog is published containing all the software titles. |
| | COMP. PROG. | K-12 | Apple IIe/IIGs IBM PC Jr | |
| | READ./LANG. | K-12 | Apple IIe/IIGs IBM PC Jr | |
| | SCIENCE | K-12 | Apple IIe/IIGs IBM PC Jr | |
| | MATHEMATICS | K-12 | Apple IIe/IIGs IBM PC Jr | |
| | SOC. STUDIES | K-12 | Apple IIe/IIGs IBM PC Jr | |
| | FOREIGN LANG. | K-12 | Apple IIe/IIGs IBM PC Jr | |
| | TOOL | K-12 | Apple IIe/IIGs IBM PC Jr | |
| | BUS. EDUC. | 9-12 | IBM PC | |
| | VOC. EDUC. | 9-12 | Apple IIe/IBM PC | |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Extend the district office computer networks to serve instructional, business and personnel services with a laser printer capability. Continue to assist all our computer services. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 295 | 209 | 47 | 26 | 120 |
| DISTRICT OFFICE: | 21 | 1 | 14 | 6 | 21 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| UNION<br>Faye J. Baker<br>Math Coordinator<br>P.O. box 907<br>Union, SC 29379<br>Phone: 427-3651 | | | | |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Instructional Dept. Union Co. Schools<br><br>2 MacIntosh Computers<br>1 Laser Jet Printer |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 244 | 221 | 20 | 3 | 70 |
| DISTRICT OFFICE: | 11 | 0 | 11 | 0 | 6 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| WILLIAMSBURG<br>Judy Fennell<br>Coord..Media Services<br>P.O. Box 1067<br>Kingstree, SC 29556<br>Phone: 354-5571 | COMP. LIT.<br>COMP. PROG.<br>READ./LANG.<br>SCIENCE<br>MATHEMATICS<br>SOC. STUDIES<br>FOREIGN LANG.<br>TOOL<br><br>BUS. EDUC.<br>VOC. EDUC. | K-12<br>9-12<br>K-12<br>K-12<br>K-12<br>K-12<br>K-12<br>4-12<br><br>9-12<br>9-12 | Apple IIe/IIGs/TRS-80<br>TRS-80<br>Apple IIe/IIGs/Atari<br>Apple IIe/IIGs<br>Apple IIe/IIGs/Atari<br>Apple IIe/IIGs<br>Apple IIe/IIGs<br>TRS-80/IBM/NCR/<br>Apple IIe<br>Apple IIe, KayPro<br>Apple IIgs/IBM/<br>Tandy/TRS-80 | Our Chapter 1 program placed many Apple IIgs computers in our schools this year. We joined the MECC this year to give greater software access. |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Adding more CCC labs, summer computer workshops, networking schools to district office (Pathways Project), expanding OSIRIS usage. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 491 | 459 | 15 | 17 | 110 |
| DISTRICT OFFICE: | 11 | 0 | 11 | 0 | 10 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| YORK 1<br>Terry Morrison<br>Vocational Center Director<br>P.O. Box 770<br>York, SC 29745<br>Phone: 684-9916 | | | | Computer familiarization for all students in primary grades. Computer literacy begins in elementary grades. Courses in BASIC, Fortran, and Cobal are taught in secondary grades. In addition, CAI (CCC) labs are in place for compensatory/remedial students in each school. CAI labs are used by students in readiness-grade 12. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 212 | 200 | 6 | 6 | 79 |
| DISTRICT OFFICE: | 8 | 1 | 6 | 1 | 6 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| YORK 2<br>William Lowe<br>Computer Coordinator<br>P.O. Box 99<br>Clover, SC 29710<br>Phone: 222-7191 | COMP. LIT.<br>COMP. PROG.<br>READ./LANG.<br>MATHEMATICS<br>BUS. EDUC.<br>VOC. EDUC. | 6-12<br>9-12<br>1-12<br>1-12<br>9-12<br>9-12 | Apple IIe<br>Apple IIe<br>Atari/CCC<br>Atari/CCC<br>Apple IIe<br>Apple IIe | Computer literacy taught to all 6th graders. Computer programming, word processing, AP, and other in 9-12. Computer Curriculum Corporation (CCC) program in 1-12 for remediation. |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | Plan to pilot classroom management program for state and from this we plan to put a computer and printer in each teacher's classroom. Networked each to a source in each school with all students information on it. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 275 | 190 | 33 | 52 | 62 |
| DISTRICT OFFICE: | 4 | 0 | 1 | 3 | 4 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| YORK 3<br>Julia Robbins<br>Supervisor<br>P.O. Box 10072<br>Rock Hill, SC 29731<br>Phone: 324-5360 | COMP. LIT.<br>COMP. PROG.<br>READ./LANG.<br>SCIENCE<br>MATHEMATICS<br>SOC. STUDIES<br>FOREIGN LANG.<br>TOOL<br>BUS. EDUC.<br><br>VOC. EDUC. | K-12<br>K-12<br>1-12<br>1-12<br>1-12<br>1-12<br>9-12<br>1-12<br>10-12<br><br>10-12 | Apple IIe/IIGs<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Apple IIe<br>Epson/Monroe/<br>Apple IIe<br>Zenith | Teachers use computer-assisted instruction access subject and grade levels to assist students in mastering course content. A K-6 computer curriculum has been implemented district-wide this year. Students receive instruction in computer literacy, keyboarding, and programming in Logo. Students in grades 7-8 have an opportunity to take a computer applications and BASIC programming course. High school electives include an introductory programming course in BASIC, a computer math course, and the AP PASCAL course. |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | We will continue to offer teacher training courses and workshops in using word processing, databasses, and spreadsheets and evaluating and incorporating software in the instructional program. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 567 | 446 | 89 | 31 | 183 |
| DISTRICT OFFICE: | 13 | 0 | 13 | 0 | 11 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| YORK 4 | COMP. LIT. | 3-12 | Apple IIe/IIc | Computer literacy has been covered through grades 3-12. Elementary and secondary programs meet criteria for remedial and compensatory education and are served by both Computer Assisted Instruction and Computer Managed Instruction. |
| Dan H. Jones | COMP. PROG. | 1-12 | Apple IIe/IIc | |
| Director Special Services | READ./LANG. | 1-12 | Apple IIe/IIc | |
| P.O. Box 369 | SCIENCE | 6-8 | Apple IIe/IIc | |
| Fort Mill, SC 29715 | MATHEMATICS | 1-12 | Apple IIe/IIc | |
| Phone: 548-2527 | VOC. EDUC. | 9-12 | Apple IIe/IIc | |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | YORK #4 (Fort Mill School District) will piolot the CMS Program. |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 129 | 69 | 19 | 41 | 18 |
| DISTRICT OFFICE: | 9 | 0 | 9 | 0 | 5 |

| DISTRICT/CONTACT | INSTR. USES | GRADE | BRAND/MODEL | DESCRIPTION |
|---|---|---|---|---|
| SCHOOL COMPUTERS | | | | |
| S.C. DEPT OF YOUTH SERVICES<br>Wallace N. Meggs Jr.<br>Adminstrative Program Analyst<br>4900 Broad River Road<br>Columbia, SC 29210<br>Phone: 737-8913 | READ./LANG.<br>SCIENCE<br>MATHEMATICS<br>SOC. STUDIES<br>BUS. EDUC.<br>VOC. EDUC. | 6-12<br>6-12<br>6-12<br>6-12<br>9-12<br>9-12 | Apple IIe/IIGs<br>Apple IIe/IIGs<br>Apple IIe/IIGs<br>Apple IIe<br>IBM PS/2 25<br>Apple IIe | ALL: 1) All grades are served by computer assisted instruction and limited computer managed instruction.<br><br>ALL: 2) A computerized system is in place which scores the California Achievement Test, correlated the results to BSAP, and prints our a mastery/non-mastery report for use in remedial and regular classrooms immediately after students enter a district school. In addition, some vocational program use the management system for objective based instruction. (Apple)<br><br>SEC: 3) Implemented a six station Novell network of OSIRIS at Birchwood High School. (IBM)<br><br>ALL: 4) Custom IEP generator program is in use by special education services and teachers. (Apple)<br><br>ALL: 5) Implemented a Sun TOPS workstation network at the District Office. (Macintosh and IBM) |
| SCHOOL & DISTRICT OFFICE COMPUTERS | FUTURE PLANS | | | ALL: 1) The management system is being written to run on the same system as OSIRIS and utilize the computers and optical readers at each school. (Scheduled for Summer **)<br><br>MID: 2) Network Willow Lane Jr. High School's Osiris system with six stations. (Scheduled for Summer 1988)<br><br>ALL: 3) Tie in fully with the Agency statewide MIS and electronic mail system being developed. (Fall 88)<br><br>SEC: 4) Include desktop publishing in High Schools' Graphic Arts program. (Spring 89) |

| TOTAL | COMPUTERS | INSTR. | ADMIN. | INSTR. & ADMIN. | PRINTERS |
|---|---|---|---|---|---|
| SCHOOL: | 126 | 109 | 14 | 3 | 54 |
| DISTRICT OFFICE: | 5 | 0 | 4 | 2 | 4 |

## SPECIAL SURVEY ADDENDUM TO 1987-88 STATEWIDE COMPUTER SURVEY

This section of the report provides a brief review of several special computer projects, their activities and firms and their locations in the state. Sufficient information is provided so that educators may visit, write, or call a computer firm or the site of a project.

Information provided for each includes the following:

- Name of firm, brand, or project
- Contact person's name, address, and telephone number
- Project description
- Placement and use of computers and software
- Future plans
- Student gains/results of project
- Other comments

The projects and firms described in this section include:

- Computer Curriculum Corporation
- Education Systems Corporation
- Governor's Remediation Initiative
- IBM (Clemson University and Writing to Read Projects)
- Prescription Learning
- South Carolina Occupational Information System (SCOIS)
- WICAT

**COMPUTER FIRM BRAND/PROJECT:** Computer Curriculum Corporation (CCC)

**CONTACT PERSON:** Charlie House, Jr.
Marketing Representative

**ADDRESS:** One Parkway Center
1850 Parkway Place
Suite 215
Marietta, GA 30067

**TELEPHONE:** 404/421-0755 or 800/334-6343

**PERSON SUPPLYING INFORMATION:** Thomas F. Foley
Regional Vice President-Marketing

## A. PRODUCT DESCRIPTION

Over the past two decades, CCC has developed an instructional use of computers that consistently produces measurable results for students at all levels. By taking CCC's individualized math, reading and language arts courses, students dramatically increase their rate of learning using new color graphics learning stations. CCC now provides 35 courses from the kindergarten level to the adult level on one integrated system.

The U.S. Department of Education has awarded many schools using CCC systems "Exemplary Program" awards for outstanding growth. Many South Carolina schools have won incentive awards as well.

Over 2,000 schools and 1,000,000 students use CCC systems daily--more than those of all other providers of CAI systems combined.

Students receive individualized instruction they can't get in the classroom. A powerful computer delivers lessons at multiple learning stations, and continually adjusts the level as each student's performance improves. Detailed reports help teachers keep track of student performance.

The courses span the school curriculum, including reading, math, language arts, even computer science and logic. Courses provide practice tailored to each student's needs, and introduce concepts using interactive, self-paced presentation.

Unlike courseware on floppy disks, many CCC courses cover several grades. For example, CCC's popular "Math Concepts" course progresses from kindergarten through grade 8. Yet every minute of this nine year course is delivered at each student's performance level--whether the student is below average, gifted, or even adult.

CCC curriculum includes a correlation with the South Carolina Basic Skills Assessment Program (BSAP).

## B. PLACEMENT AND USE OF COMPUTERS AND SOFTWARE

### Equipment Placed by School, Subject and Grade

CCC's programs are used in districts throughout South Carolina, in grades 1-12 and adult education. In the spring of 1988, there were 204 labs serving 50,725 students each day. The majority of these terminals were used by EIA remedial and compensatory students and by Chapter I students in reading and math.

As of June 13, 1988, CCC had 2,029 terminals installed in 186 schools in 23 school districts serving 50,725 students daily.

| District | No. of Schools | No. of Terminals |
|---|---|---|
| Abbeville | 8 | 56 |
| Aiken | 28 | 251 |

## B. PLACEMENT AND USE OF COMPUTERS AND SOFTWARE (continued)

| District | No. of Schools | No. of Terminals |
|---|---|---|
| Bamberg 2 | 1 | 8 |
| Berkeley | 16 | 270 |
| Charleston | 23 | 184 |
| Chesterfield | 17 | 235 |
| Dillon 3 | 2 | 32 |
| Dorchester 4 | 1 | 10 |
| Edgefield | 3 | 36 |
| Florence 2 | 3 | 21 |
| Florence 3 | 7 | 84 |
| Florence 4 | 3 | 24 |
| Georgetown | 16 | 149 |
| Horry | 13 | 137 |
| Jasper | 1 | 18 |
| Laurens 56 | 7 | 100 |
| Lexington 3 | 3 | 38 |
| Lexington 4 | 1 | 10 |
| Marion 1 | 4 | 50 |
| Orangeburg 7 | 2 | 17 |
| Spartanburg 6 | 14 | 160 |
| Williamsburg | 7 | 72 |
| York 1 | 6 | 67 |
| | 186 | 2,029 |

## C. FUTURE PLANS

CCC continues to develop new courseware in the basic skills. "Math Concepts" for grades K-3 will include skill in whole numbers, fractions, geometry, and measurement. This course, for students in grades 3-6, is scheduled for release in the fall and will integrate reading skills and theme work enhanced by graphics. Reading with audio for grades K-2 is scheduled to be available in 1988. "Writer's Express", scheduled for release in fall 1987, is a grade 3-6 writing course using color graphics and word processing with a spelling checker.

The UNIX® Operating System allows a growing set of UNIX® application software such as Communications Package, Text Editor and Tools, word processing, CAST and CMI, Historyread, and Individualized Prescriptive Strategy, to name a few. The UNIX® programs are now available. Others are under development.

UNIX ® is an unregistered trademark of AT&T Bell Laboratories.

## D. STUDENTS GAINS/RESULTS OF PROJECT

Improvements of 50-120 percent are typical of districts using the CCC MICROHOST® Instructional System. Grade level gains of 1.4 years for 25 hours of use are expected for students in math, reading, and language skills courses.

MICROHOST ® is a trademark of Computer Curriculum Corporation

## E. OTHER COMMENTS

- Training Component: Training is provided by CCC for district personnel involved in the program. Four days of extensive training is given to the CAI proctors. Teachers and administrators attend an in-service on the proper use of CAI, reports and analysis, and motivation.
- Maintenance: Maintenance contracts provide full, on-site service with a 24-hour response time.
- Monetary Value of Placement: Available upon request from CCC.
- Person to Contact for Demonstration or Conference Presentation: Charlie House, Jr., Marketing Representative, 800/334-6343 or 404/421-0755.

| | |
|---|---|
| **COMPUTER FIRM BRAND/PROJECT:** | Education Systems Corporation (ESC) |
| **CONTACT PERSON:** | Preston Stone |
| **ADDRESS:** | 4027 Abingdon Road<br>Charlotte, NC 28211-3822 |
| **TELEPHONE:** | 704/366-5563 or 800/521-8538, box 453 |

## A. PROJECT DESCRIPTION

Spartanburg District 7 was concerned about the performance of students on the CTBS and BSAP tests. In the math and reading areas, higher-order thinking skills were not being developed as fully as concrete- and computation-level skills.

The district researched Integrated Learning Systems to find a CAI/CMI curriculum which would deliver basic skills instruction as well as higher-order thinking activities. ESC was chosen for the quality of lesson development, the management system, and the on going support and services.

The six schools qualifying for Chapter I funding are delivering their Chapter I students supplemental math and reading instruction through the ESC System. Three schools are supplementing math and reading instruction to compensatory student populations funded with state compensatory funds. All District 7 elementary schools have the ESC System.

The ESC System includes over 1,800 lessons in math, reading, and language arts, including the writing process. Each lesson uses color graphics, sound, and human speech. Lessons correlate with major basals, standardized tests, state tests, and district objectives. The students are placed into the Learning System at their instruction level, as determined by the Basic Skills Inventory. Their progress is monitored and managed by the host system. A variety of progress and mastery report is generated by the management system.

ESC offers on going service through the Client Support Division. This team includes a lab manager and account manager to ensure smooth day-to-day operations.

The ESC Learning System is available on industry standard microcomputers, including Apple IIgs, Tandy 100, IBM PS/30, and ATT. The software storage is on an economical CD-ROM. The stations are networked together from a host unit which includes the CD-ROM and printer.

All lessons have been correlated with the BSAP objectives. Of the 126 reading objectives itemized by the S.C. Department of Education, the ESC reading curriculum provides instruction for 96.8 percent (122/126). Of the 120 math objectives, ESC provides instruction for 87.5 percent (105/120).

| | |
|---|---|
| **COMPUTER FIRM BRAND/PROJECT:** | Governor's Remediation Initiative (GRI) |
| **CONTACT PERSON:** | John Rumford, Acting Director |
| **ADDRESS:** | 115 Withers, Winthrop College<br>Rock Hill, SC 29733 |
| **TELEPHONE:** | 803/323-2120 |

## A. PROJECT DESCRIPTION

The Governor's Remediation Initiative was founded initially by the Office of the Governor, Division of Employment and Training, in 1983. The overall objective of the project was to develop and implement a remediation system to be used by high schools in the state of South Carolina. The system is based upon reading and mathematics curricula that have been correlated with the BSAP objectives for the state. The instructional setting is competency-based, diagnostic and prescriptive, individualized, and measurable.

Each lab contains at least four computers, with one of the four computers set up to communicate electronically with a VAX at Winthrop College. Teachers work with individuals and small groups while managing all learners' progress.

## B. PLACEMENT AND USE OF COMPUTERS AND SOFTWARE

Currently, there are 112 GRI remedial math labs and 88 remedial reading labs in 112 high schools. All labs are intended to serve students in grades 9-12. Participating South Carolina high schools include the following.

A.C. Flora High
Aiken High
Airport High
Allendale-Fairfax High
Andrews High
Barnwell High
Battery Creek High
Beaufort High
Berea High
Berkeley High
Bishopville High
Blackville-Hilda High
Boiling Springs High
Britton's Neck High
Broome High
C.A. Johnson High
C.E. Murray High
Cainhoy High
Calhoun County High
Camden High
Carolina High
Chapin High
Cheraw High
Cherokee High
Chester High
Chesterfield High
Choppee High
Clinton High
Clover High
Columbia High
Conway High
Crescent High
Cross High
Dillon High
Dreher High
Easley High
Eau Claire High
Elloree High
Estill High
Fairfield Co. Voc. Center
Furman High
Gaffney High
Georgetown
Gilbert High
Great Falls High
Greenville High
Greenwood High
Harleyville-Ridgeville High
Hartsville High
Hemingway High
Hillcrest High (Dalzell)
Holly Hill-Roberts High
Irmo High
James F. Byrnes High
Kingstree High
Lake View High
Lamar High
Lancaster High
Lewisville High
Lexington High
Loris High
Lower Richland High
Manning High
Marion High
Mayewood High
Mayo High
McBee High
Middleton High
Midland Valley High
Mount Pleasant High
Mullins High
Newberry High
Ninety Six High
North Augusta High
North Central High
North Myrtle Beach High
Northwestern High
Oconee Voc. Center
Orangeburg-Wilkinson High
Pelion High
Pendleton High
Pleasant Hill High
Ridge Spring-Monetta High
Rock Hill High
Ruffin High
Scott's Branch High
Silver Bluff High
Socastee High
South Aiken High
South Florence High
Southside High
Spartanburg High
Spring Valley High
St. George High
St. John's High (Charleston)
St. John's High (Darlington)
Strom Thurmond High
Summerville High
Sumter High
Sumter High Annex
Terrell's Bay High
Traveler's Rest High
W.J. Keenan High
Wade Hampton High
Wagener-Salley High
Walterboro High
West Florence High
Williamsburg-Blakeley High
Williston-Elko High
Wilson High
Winnsboro High
Woodmont High

## C. FUTURE PLANS

Objectives of this project include placing math and reading labs in school districts where academic and economic need is shown, as well as addressing the adult illiteracy problem.

## D. STUDENT GAINS/RESULTS OF PROJECT

The 1986-87 program year results indicated overall NCE gains of 2.65 in math labs. Reading labs indicated inconsistent gains last year, but are operating under expanded curriculum this year.

## E. OTHER COMMENTS

- Teacher training is a major component of the Governor's Remediation Initiative. Approximately 360 teachers have been trained in the use of microcomputers for instructional management, instructional delivery, and mainframe communications.

- A major emphasis currently underway in 15 high schools is the use of a classroom management system and test banks for remedial mathematics.

- Approximately 800 pieces of software were evaluated in 1986-87. These evaluations have been published in six volumes--two math, two English, one reading, and one critical thinking and reasoning.

**COMPUTER FIRM BRAND/PROJECT:** IBM "Writing to Read"

**CONTACT PERSON:** Mary Gene Hayes

**ADDRESS:** 1333 Main Street
Columbia, SC 29201

**TELEPHONE:** 803/748-5126

## A. PROJECT DESCRIPTION

## B. PLACEMENT AND USE OF COMPUTERS AND SOFTWARE

| School District | School |
|---|---|
| Aiken | Busbee Elementary |
| Anderson | Williamston Child Dev. Ctr. |
| Berkeley | Berkeley Elementary |
| Calhoun | Bethlehem Elementary<br>Guinyard Elementary<br>St. John Elementary |
| Dorchester 4 | St. George Elementary |
| Greenville | Bakers Chapel Elementary<br>Blythe Elementary<br>Brushy Creek Elementary<br>East Greet Elementary<br>Mauldin Elementary<br>Spearman Primary<br>Westcliff Elementary<br>Wren Elementary |
| Horry | All 16 elementary schools |
| Kershaw | Camden Primary |
| Marion 2 | Nichols Elementary |
| Orangeburg 3 | Providence Primary<br>Holly Hill Primary |
| Richland 1 | Arden Elementary<br>Crane Creek Elementary |
| Richland 2 | All but one |
| Union | Monarch Elementary |

## C. FUTURE PLANS

Expansion plans call for installations of new labs, as well as development of a Writing to Read follow-up curriculum. The logical way to extend and enhance the writing and reading skills is to develop a writing focus across all curriculum areas. We will pursue this course with interested school districts.

## D STUDENT GAINS/RESULTS OF PROJECT

Substantial student gains have been documented by several districts: Richland 2, Aiken County, Orangeburg 5, and Charleston County.

## E. OTHER COMMENTS

Training is a prerequisite for purchase of Writing to Read. Initial training takes place in Atlanta, with follow-up provided by IBM Educational Systems Consultants. Contact the Writing to Read District Coordinator in each district, or Ward Brimmer or Mary Gene Hayes in Columbia, SC, at 748-5126.

| | |
|---|---|
| **COMPUTER FIRM BRAND/PROJECT:** | IBM |
| **CONTACT PERSON:** | Bob Render |
| **ADDRESS:** | 1333 Main Street<br>Columbia, SC 29201 |
| **TELEPHONE:** | 803/748-5340 |

## A. PROJECT DESCRIPTION

Orangeburg 5, one of the 16 school districts cited as exemplary in the educational movement, has implemented instructional technology at every level of the curriculum.

## B. PLACEMENT AND USE OF COMPUTERS AND SOFTWARE

All six elementary schools

- Writing to Read
- 90 computers (15 per elementary school) in the first grade classrooms for Writing to Read follow-up

All three middle schools

- 75 computers networked (25 per middle school) for remediation

Orangeburg-Wilkinson High School

- PALS lab- adult and adolescent literacy lab
- 120 networked computers for remediation
- Stand-alone chemistry computers

COVEC

- 35 networked computers for business education

## C FUTURE PLANS

All elementary schools

- Second-grade instructional computer program
- Fifth-grade instructional computer program

## D. STUDENT GAINS/RESULTS OF PROJECT

- Dropout rate at the high school fell from 30 percent to 2 percent.
- Decrease in the number of readiness classes at the elementary level.

## E. OTHER COMMENTS

IBM furnishes training on all its products.

| | |
|---|---|
| **COMPUTER FIRM BRAND/PROJECT:** | Prescription Learning |
| **CONTACT PERSON:** | Jane Croxton |
| **ADDRESS:** | 125 Fox Hill Place<br>Lexington, SC 29072 |
| **TELEPHONE:** | 803/356-0771 |
| **PERSON SUPPLYING INFORMATION:** | Sue Payne |
| **ADDRESS:** | 6150 North 16th Street<br>Phoenix, AZ 85012 |
| **TELEPHONE:** | 602/230-7030 |

## A. PROJECT DESCRIPTION

Prescription Learning, a Jostens Company, has been providing educational services to large and small school districts since the mid-1970's. Its networked reading, mathematics, writing, and other curriculum systems are delivered via a learning laboratory environment which can be adapted to classroom situations by placing smaller laboratory modules in the classrooms themselves. Computers, as well as other equipment, are used to help students acquire or enhance skills.

The programs are designed for use with students in grades K-12, but are also successfully used with adults or special education students. Upon entering a laboratory program, assessment helps determine where, within the curriculum, the student should begin to work. In a laboratory, students' progress is automatically monitored every time a computer is used for testing or measurable instruction. The objective is to make certain that all youngsters are working on the skills they need most at the level appropriate to them.

The instructional design of the reading, writing, and mathematics program is "holistic," enabling students to encounter instruction in a myriad of ways. For example, in the "process writing" component, students not only use instructional courseware, but many activities call for personal writing activities that take place using word processing and desktop publishing. Such methods generate an atmosphere which mirrors how learning takes place in the classroom and in real-life experiences. The lessons in all instructional areas involve students in gaining higher-level thinking skills and have been purposefully designed to be motivational and fun to do.

Prescription Learning's instructional courseware is available to students in networked laboratories as "downloaded" lessons from a central file server. In non-networked laboratories, the same lessons are available on diskette. Apple IIe, IIgs and IBM/IBM-compatible computers administer the lessons, most of which use color graphics and animation. Courseware for primary youngsters and ESL students use digitized speech for "voiced" instruction. At the primary levels, assessment is provided using videodisk so that important directions and letter names and sounds can be "heard" in human voice context.

## B. PLACEMENT AND USE OF COMPUTERS AND SOFTWARE

Most laboratories are primary configuratison, utilizing Apple IIe equipment and containing reading and mathematics software and consumables. South Carolina district that have purchased Prescription Learning laboratories and the number of labs in each are:

| | | | | | |
|---|---|---|---|---|---|
| 3 | Marion<br>Mullins | 1 | Lexington 5<br>Ballentine | 1 | Richland 2 *<br>Columbia |

* Also using new Take-Home Computer Program.

| | | | | | |
|---|---|---|---|---|---|
| 7 | Oconee County<br>Walhalla | 7 | Greenville County<br>Greenville | 8 | Darlington County*<br>Darlington |

* Also using the School Within a School science enrichment course.

## B. PLACEMENT AND USE OF COMPUTERS AND SOFTWARE (continued)

| | | | | | |
|---|---|---|---|---|---|
| 11 | Kershaw County<br>Camden | 7 | Dillon 2<br>Dillon | 1 | Jasper County<br>Ridgeland |
| 12 | Berkeley County<br>Moncks Corner | 5 | Edgefield County<br>Edgefield | 5 | York 3<br>Rock Hill |
| 6 | Lee County<br>Bishopville | 7 | Lexington 1<br>Lexington | 3 | Sumter 17<br>Sumter |
| 1 | Clarendon 3<br>Turbeville | 1 | Hampton 2<br>Estill | 1 | Calhoun County<br>St. Matthews |
| 2 | Sumter 2<br>Sumter | 11 | Colleton County<br>Walterboro | 5 | Laurens 55<br>Laurens |
| 95 | Governor's<br>Remediation<br>Sites (Reading) | 1 | Bamberg 2<br>Denmark | 2 | Beaufort County<br>Beaufort |

## C. FUTURE PLANS

Prescription Learning's networked laboratory (LABNET) is designed to interface directly with SCHOOLNET, a product which provides whole-school linking of administrative and instructional functions. Within the SCHOOLNET environment, classroom teachers desktop terminals communicate with the principal's and those of other key school personnel. This overall management system enables appointed staff to create, log, maintain, and access all school-related information without having to handle unnecessary paper. Electronic mail features permit the principal and/or teachers to share pertinent information and communicate with the speed and flexibility that computer technology now allows.

Having concentrated for many years in the development of reading, writing, and mathematics programs, Prescription Learning is now in the process of creating a new science program which will be available beginning in the fall of 1989. Prescription Learning plans to continue to enhance its "Take-Home Computer Program", its "Adult Basic Education Program", its "ESL Program", and the courses and opportunities inherent in "School Within a School" (SWS). Especially popular in the SWS realm are "contracted services" which enable a school to work with Prescription Learning to fully tailor a program to specifically address that school's unique needs. Other programs available from SWS are operated as summer school courses, before- and after-school programs, or programs offered to the surrounding community.

## D. STUDENT GAINS/RESULTS OF PROJECT

School districts appeared to be well pleased with the results of the Prescription Learning laboratories. Test data for the South Carolina sites will be available summer of 1988; however, evaluation data for school districts across the country is available upon request. Significant gains have been demonstrated in Prescription Learning laboratories.

## E. OTHER COMMENTS

Prescription Learning is dedicated to:

1. Training and support for school personnel.

   Staff training for all involved staff takes place in three stages: pre-program in-service, two yearly teacher workshops to ensure that personnel have all of the knowledge necessary to run a successful program. Prescription Learning works extensively with laboratory staff so that they can efficiently use time and instructional techniques to improve students' achievement.

2. Maintenance of hardware, if desired.

**E. OTHER COMMENTS (continued)**

3. Correlation of schools' existing materials to appear on the management system.

4. An open system that allows for greater flexibility.

5. On going development of software utilizing the latest in technology. Some of our latest enhancements are:

   The "Test-Question Library" - a program which enables teachers to rapidly create test items and retain them for later use.

   The "Microlibrarian"- able to operate the school library's bookkeeping function by utilizing complex cataloging and processing books via bar code reference.

   "Wordmap"- allows teachers to automatically grade students' papers for mechanics, grammar, and punctuation errors, giving them more time to concentrate on content and thought process.

Twice monthly consulting visits are provided by a Prescription Learning educational specialist.

Twice monthly technical assistance is also provided by Prescription Learning in the form of a technician's visits. Typically, the technician checks to see that all equipment is working; any faulty machines are immediately repaired or replaced. The technician also sees that consumable materials and other necessary items are regularly supplied.

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| **COMPUTER FIRM BRAND/PROJECT:** | South Carolina Occupational Information System (SCOIS) |
| **CONTACT PERSON:** | Carol J. Kososki<br>SCOICC Director |
| **ADDRESS:** | Post Office Box 995<br>Columbia, SC 29202 |
| **TELEPHONE:** | 803/737-2733 |
| **PERSON SUPPLYING INFORMATION:** | Angeleen Hunter |

## A. PROJECT DESCRIPTION

SCOIS is a computer information system delivering up-to-date career, education and occupational information. SCOIS provides students, adults, teachers, and counselors with the information necessary to explore and plan for careers and to choose jobs in a logical and systematic way.

SCOIS is a telephone dial-up system accessing a Prime mini-computer through computer terminal teleprinters or microcomputers with modems. It is operational throughout the state, with 369 sites having access to the system.

## B. PLACEMENT AND USE OF COMPUTERS AND SOFTWARE

SCOIS locations:

| | |
|---|---|
| 192 | High Schools |
| 51 | Vocational Education Centers |
| 36 | Middle Schools |
| 18 | Technical Schools |
| 11 | Colleges/Universities |
| 11 | Community-Based Organizations |
| 6 | Job Service Offices |
| 11 | Public Libraries |
| 15 | Vocational Rehabilitation Centers |
| 18 | Others |
| 369 | Total Sites |

SCOIS uses Digital Decwriter and Texas Instruments computer terminals. Approximately 100 SCOIS users access the system through their own personal computers, primarily Apple, IBM, and Radio Shack. SCOIS is generally located in the guidance department, counseling center or media center.

## C. FUTURE PLANS

Future plans are to expand usage of SCOIS in middle schools and public libraries. Optional software, Resume Writer and Application Maker, will be offered to SCOIS microcomputer users.

## D. STUDENT GAINS/RESULTS OF PROJECT

Over 7,000 accesses to SCOIS are recorded each month. Students have a better understanding of careers, job opportunities, and educational training options as a result of using SCOIS.

## E. OTHER COMMENTS

SCOIS User Services staff maintain SCOIS-owned computer terminals and provide training to counselors, teachers, librarians, students, etc. The annual user fee for a SCOIS-owned computer terminal is $795. Users who provide their own equipment pay $495 a year. Videos depicting people performing on the job are used to complement SCOIS and are available without additional cost to SCOIS users. For demonstrations or conference presentations, contact Carol J. Kososki, SCOICC Director, at 803/737-2733.

| | |
|---|---|
| **COMPUTER BRAND/PROJECT:** | WICAT Systems<br>Represented in South Carolina by<br>Educational Solutions |
| **CONTACT PERSON:** | Barry J. Lynch |
| **ADDRESS:** | P.O. Box 3000<br>Suite 290<br>Taylors, SC 29687 |
| **TELEPHONE:** | 803/292-5515 |
| **PERSON SUPPLYING INFORMATION:** | Susanne H. Hite |

## A. PROJECT DESCRIPTION

WICAT Systems provides administrators and teachers in K-12 schools with a comprehensive computer-based educational system. The company has combined advanced hardware design with comprehensive curriculum-based courseware, student learning management, and administrative programs to create a true professional learning center. This learning center uses the unique capabilities of the computer to develop and deliver programs that furnish each student with individualized instruction, tailored to their particular needs, and to provide significant instructional management capabilities not available with conventional, stand-alone microcomputer systems. The WICAT professional systems has the ability to:

(1) Accommodate up to 64 students working on as many as 64 different skills at the same time in the same lab.
(2) Encourage students to develop higher-order thinking skills, as well as to provide students with drill-and practice exercises.
(3) Pretest students for ability and achievement.
(4) Produce extensive reports on student progress.

Available Courses: Mathematics I (K-4), Mathematics II (5-8), Algebra I, Algebra II, Geometry, Reading I (K-3), Reading II (2-9), Language Arts I (2-6), Language Arts II (7-12), Writing I (K-2), Writing II (3-6), Spelling (2-6), Typing I (K-2), Typing II (3-6), Typing III (7-12), Chemistry, Sentence Combining, English as a Second Language, complete GED/Adult Education courses, French, Computer Literacy, BASIC, and PASCAL.

Testware: WICAT Test Creation Package, Make-a-Test, Reading Abilities Profile, Tests of Basic Skills, Early Childhood Profile, and Occupational Profile.

## B. PLACEMENT AND USE OF COMPUTERS AND SOFTWARE

| School District | School | Grade | Subject Areas Emphasized | Equipment Model/Quantity |
|---|---|---|---|---|
| Sumter 2 | | K-5 | Reading<br>Math<br>Language Arts | WICAT System 300 (30 term. labs)<br>10 computer labs--1 each in 10 elementary schools |
| Lexington 2 | | 6-8 | Math<br>Computer Literacy<br>Reading<br>Language Arts | WICAT System 300 (30 term. labs)<br>4 computer labs--1 each in 4 middle schools |

## B. PLACEMENT AND USE OF COMPUTERS AND SOFTWARE (continued)

| | | | | |
|---|---|---|---|---|
| Greenville | Blythe Elementary<br>Hughes Middle<br>Greenville High | K-5<br>6-8<br>9-12 | Reading<br>Math<br>Language Arts | WICAT System 300 (30 term. labs)<br>3 computer labs |
| Pickens | McKissick | K-6 | Reading<br>Math<br>Language Arts | WICAT System 300<br>1 - 60 term. lab |
| Greenwood 50 | Southside<br>Junior High | 7-9 | Math<br>Reading | WICAT System 300<br>1 - 32 term. lab |

NOTE: A total of 602 terminals are installed in South Carolina schools.

## C. FUTURE PLANS

Plans are to expand to two other junior high schools in Greenwood; expansion is also planned for Pickens and Greenville in the future. Sumter 2 is upgrading the capacity of its existing labs.

## D. STUDENT GAINS/RESULT OF PROJECT

On the average, WICAT produces 30-50 percent learner improvement gains across the U.S. For specifics on improvements, please contact individual districts.